Manual on Series Available and Estimating Methods BLS Current Employment Statistics Program March 1990

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Manual on Series Availabl...

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An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program

This manual provides a summary of the characteristics used for the national employment, hours, and earnings series produced and published in the Current Employment Statistics (BLS-790) program. Items are shown in the following order:

1. SIC code, based on the 1987 Standard Industrial Classification Manual. Certain aggregations, such as total nonfarm, do not have corresponding SIC codes; others are combinations of several SIC codes.

2. 1987 SIC-based industry title.

3. BLS tabulation code: A unique code assigned to all CES series and aggregations.

4. The series produced for each primary industry and higher aggregation are indicated by the following letter codes. These indicate that a series is used either for publication or for weighting published series at a higher level. (Special derivative series, such as indexes of weekly payrolls and hours, are not indicated here.)

A = All employees; employment of women; and employment, average weekly hours, and average hourly and weekly earnings of production or nonsupervisory workers.
B = All employees and employment of women.
O = Average weekly overtime hours of production workers.

5. Series published are indicated in part by the same codes as those in the series produced column. Additional codes are:

C = All employees.
D = All employees; and employment, average weekly hours, and average hourly and weekly earnings of production or nonsupervisory workers.
E = All employees, average weekly hours, and average hourly and weekly earnings of nonsupervisory workers in the Class I railroad industry.
F = All employees, employment of women, and employment of production workers in the goods-producing industry.
X = Inadequate sample

6. The beginning date of publication of the all-employee series. In most cases, the beginning date of publication of other data types is the same.

7. The March 1990 benchmark employment level. See the June 1991 issue of Employment and Earnings.

8. The March 1990 employment estimate projected from the March 1989 benchmark level.

9. The percent error [(7)-(8)]/(7), is a comparison of the March 1990 benchmark level and the March 1990 employment estimate.

10. The extent of sample coverage is total employment in the sample divided by total employment in the universe, expressed as a percent.

11. The number of reports in the sample. Reports generally cover a single establishment, although some may cover multiple establishments. This total includes approximately 50,000 reporters who report only monthly employment levels. Their reports are used in the estimation of industry employment, but are excluded from the estimation of hours and earnings.

12. The method of estimating the employment series is shown by the following codes:

S = trend indicated by the sample reports.
P = pattern based on universe trend for previous years.
U = current universe counts.
K = level held constant between benchmarks.
- = summary cell.

13. The number and type of strata (estimating cells) used in preparing estimates for each primary industry. For primary industries that are not stratified, "1" is shown. For stratified industries, the total number of strata is given together with the following symbols to indicate type of stratification.

S = size stratification.
R = region stratification.
RS = region and size stratification.

For each industry which is an aggregation of primary industries, only the total number of estimating cells is shown. Subordinate aggregate cells are excluded from the count.

Access Codes for BLS Data Base

All series described in table 1 are stored in BLS Monthly Establishment Series Data Bases (Macro Data Variable File - MACV) and are identified in the Employment and Earnings "Bookfile" according to the "tabulating code", "series code", "region code", "size code", and "seasonality code". Published series are stored in "LABSTAT" (a BLS data storage facility). LABSTAT series codes are similar to the codes reported in this table, but LABSTAT users should consult a current LABSTAT series directory and contents guide for the differences. Series codes are as follows:

Series code	Basic series
01	All employees
02	Employment of women
03	Employment of production or nonsupervisory workers *a
04	Average weekly earnings of production workers *a
05	Average weekly hours of production workers *a
06	Average hourly earnings of production workers *a
07	Average weekly overtime hours of production workers *a
97	Aggregate weekly hours *a
98	Aggregate weekly payrolls *a
99	Aggregate weekly overtime hours *a
	Derivative Series *b
40	Indexes of aggregate weekly hours
45	Indexes of aggregate weekly payrolls
49	Average hourly earnings, 1982 dollars
51	Average weekly earnings, 1982 dollars
60	Average hourly earnings, excluding overtime
65	Diffusion indexes, 1-month span, seasonally adjusted
66	Diffusion indexes, 3-month span, seasonally adjusted
67	Diffusion indexes, 6-month span, seasonally adjusted
68	Diffusion indexes, 12-month span, unadjusted
81	All employees, quarterly averages, seasonally adjusted
82	Average weekly hours, quarterly averages, seasonally adjusted
83	Average weekly overtime hours, quarterly averages, seasonally adjusted

The following codes should be used to obtain basic series for estimating cells of industries stratified by region and/or size. Stratification patterns vary among industries according to the needs of the sample design.

Region code	Estimating region
00	Total (all regions) or nonregion stratified
01	Northeast
02	Northeast and Midwest
03	Midwest
04	Northeast and South
05	South
06	Northeast and West
07	Midwest and South
08	West
09	Midwest and West
10	South and West
11	Northeast, Midwest, and South
12	Northeast, Midwest, and West
13	Northeast, South, and West
14	Midwest, South, and West

Size codes are "0" for all sizes or for nonsize stratified cells, otherwise, size codes of 1, 2, 3, 4, and sometimes 5 are used. The larger size codes correspond to higher ranges of employment per establishment.

Seasonally adjusted series are published and available in LABSTAT for major industry divisions and selected major industry groups (2-digit SIC) for series on all employees, employment of women, employment of production or nonsupervisory workers, average weekly hours, average hourly earnings, average weekly earnings, average weekly overtime hours, and indexes of aggregate weekly hours. Seasonally adjusted quarterly averages are available in LABSTAT for selected industries for series on all employees, average weekly hours, and average weekly overtime hours. The seasonality code for original series (not seasonally adjusted) is "3" and for adjusted series is "5".

*a The production or nonsupervisory worker classification corresponds to production workers in mining and manufacturing; construction workers in construction; and nonsupervisory workers in the private service-producing sector.

*b Available for selected industry categories.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990					Est. method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Sample			
									Percent coverage	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	Total nonfarm	00-0000	B	B	1939	109,114	109,343	-0.2	37	295,136	-	1,700
	Total private	00-5000	A	A	1939	90,546	90,807	-.3	30	267,599	-	1,645
	Goods-producing	00-5100	A	F	1939	24,717	24,739	-.1	42	82,211	-	708
10-14	Mining	10-0000	A	A	1939	692	715	-3.3	40	3,314	-	25
10	Metal mining	10-1000	A	A	1939	57.4	59.4	-3.5	58	194	-	5
101	Iron ores	10-1010	A	D	1947	8.9	8.2	7.9	91	15	-	1
1011	Iron ores	10-1011	A			8.9	8.2	7.9	91	15	S	1
102	Copper ores	10-1020	A	D	1947	14.8	14.7	.7	59	22	-	1
1021	Copper ores	10-1021	A			14.8	14.7	.7	59	22	S	1
103	Lead and zinc ores	10-1030	A	X		2.6	2.4	7.7	69	8	-	1
	Lead and zinc ores	10-1031	A			2.6	2.4	7.7	69	8	S	1
104	Gold and silver ores	10-1040	A	X		21.0	23.0	-9.5	52	78	-	1
1041,4	Gold and silver ores	10-1044	A			21.0	23.0	-9.5	52	78	S	1
106,8,9	Other metal ores and mining services	10-1090	A	X		10.1	11.1	-9.9	38	71	-	1
1061,81, 94,99	Other metal ores and mining services	10-1099	A			10.1	11.1	-9.9	38	71	S	1
12	Coal mining	10-1200	A	A	1958	145.9	152.7	-4.7	38	383	-	5
122	Bituminous coal and lignite mining	10-1220	A	D	1939	136.5	142.5	-4.4	38	329	-	4
1221	Bituminous coal and lignite-surface	10-1221	A	X		56.7	59.5	-4.9	42	197	S	2S
1222	Bituminous coal-underground	10-1222	A	X		79.8	83.0	-4.0	35	132	S	2S
123,4	Anthracite mining and coal mining services	10-1240	A	X		9.4	10.2	-8.5	39	54	-	1
1231,41	Anthracite mining and coal mining services	10-1241	A			9.4	10.2	-8.5	39	54	S	1
13	Oil and gas extraction	10-1300	A	A	1939	382.3	395.8	-3.5	37	1,853	-	6
131	Crude petroleum and natural gas	10-1310	A	A	1947	191.8	193.0	-.6	48	891	-	3
1311	Crude petroleum and natural gas	10-1311	A			191.8	193.0	-.6	48	891	S	3S
132	Natural gas liquids	10-1320	A	X		4.5	4.0	11.1	7	14	-	1
1321	Natural gas liquids	10-1321	A			4.5	4.0	11.1	7	14	S	1
138	Oil and gas field services	10-1380	A	A	1958	186.0	198.8	-6.9	27	948	-	2
1381,2,9	Oil and gas field services	10-1389	A			186.0	198.8	-6.9	27	948	S	2S
14	Nonmetallic minerals, except fuels	10-1400	A	A	1939	106.3	106.8	-.5	45	884	-	9
142	Crushed and broken stone	10-1420	A	A	1958	38.6	38.4	.5	44	329	-	1
1422,3,9	Crushed and broken stone	10-1429	A			38.6	38.4	.5	44	329	S	1
144	Sand and gravel	10-1440	A	B	1958	32.0	33.1	-3.4	31	358	-	4
1442,6	Sand and gravel	10-1446	A			32.0	33.1	-3.4	31	358	S	4R
145	Clay, ceramic, and refractory minerals	10-1450	A	X		8.5	8.3	2.4	66	44	-	1
1455,9	Clay, ceramic, and refractory minerals	10-1459	A			8.5	8.3	2.4	66	44	S	1
147	Chemical and fertilizer minerals	10-1470	A	C	1972	16.5	16.5	0	67	43	-	2
1474,5,9	Chemical and fertilizer minerals	10-1479	A			16.5	16.5	0	67	43	S	2S
141,8,9	Dimension stone and other nonmetallic minerals	10-1490	A	X		10.7	10.5	1.9	37	110	-	1

See footnotes at end of table.

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Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990					Est method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Sample: Percent coverage	Sample: Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1411,81,99	Dimension stone and other nonmetallic minerals	10-1499	A			10.7	10.5	1.9	37	110	S	1
15-17	Construction	20-0000	A	A	1939	4,865	4,906	-.8	20	26,593	-	105
15	General building contractors	20-1500	A	A	1958	1,262.3	1,268.0	-.5	18	6,652	-	11
152	Residential building construction	20-1520	A	A	1972	632.6	649.4	-2.7	10	2,854	-	3
1521,2	Residential building construction	20-1522	A			632.6	649.4	-2.7	10	2,854	S	3S
153	Operative builders	20-1530	A	A	1958	39.9	39.0	2.3	21	249	-	2
1531	Operative builders	20-1531	A			39.9	39.0	2.3	21	249	S	2S
154	Nonresidential building construction	20-1540	A	A	1972	589.8	579.6	1.7	27	3,549	-	6
1541,2	Nonresidential building construction	20-1542	A			589.8	579.6	1.7	27	3,549	S	6RS
16	Heavy construction, except building	20-1600	A	A	1972	687.3	720.5	-4.8	31	3,823	-	20
161	Highway and street construction	20-1610	A	A	1988	184.4	185.4	-.5	39	1,350	-	8
1611	Highway and street construction	20-1611	A			184.4	185.4	-.5	39	1,350	S	8RS
162	Heavy construction, except highway	20-1620	A	A	1972	502.9	535.1	-6.4	28	2,473	-	12
1622	Bridge, tunnel, and elevated highway	20-1622	A	X		45.5	48.1	-5.7	43	278	S	4R
1623	Water, sewer, and utility lines	20-1623	A	X		207.2	216.6	-4.5	28	1,224	S	4R
1629	Heavy construction, nec	20-1629	A	X		250.2	270.4	-8.1	25	971	S	4R
17	Special trade contractors	20-1700	A	A	1972	2,915.4	2,917.9	-.1	18	16,118	-	74
171	Plumbing, heating, and air-conditioning	20-1710	A	A	1958	643.5	636.7	1.1	21	4,128	-	8
1711	Plumbing, heating, and air-conditioning	20-1711	A			643.5	636.7	1.1	21	4,128	S	8RS
172	Painting and paper hanging	20-1720	A	A	1958	161.6	156.3	3.3	12	879	-	8
1721	Painting and paper hanging	20-1721	A			161.6	156.3	3.3	12	879	S	8RS
173	Electrical work	20-1730	A	A	1958	535.1	544.5	-1.8	21	2,951	-	3
1731	Electrical work	20-1731	A			535.1	544.5	-1.8	21	2,951	S	3S
174	Masonry, stonework, and plastering	20-1740	A	A	1972	458.2	473.7	-3.4	18	2,197	-	20
1741	Masonry and other stonework	20-1741	A	X		155.2	176.7	-13.9	14	750	S 1	8RS
1742	Plastering, drywall, and insulation	20-1742	A	X		263.7	260.3	1.3	21	1,187	S 1	8RS
1743	Terrazzo, tile, marble, and mosaic work	20-1743	A	X		39.3	36.7	6.6	17	260	S 1	4R
175	Carpentry and floor work	20-1750	A	A	1972	203.1	191.8	5.6	10	784	-	3
1751	Carpentry work	20-1751	A	X		153.8	143.3	6.8	10	523	S	2S
1752	Floor laying and floor work, nec	20-1752	A	X		49.3	48.5	1.6	12	261	S	1
176	Roofing, siding, and sheet metal work	20-1760	A	A	1958	195.3	197.0	-.9	20	1,419	-	8
1761	Roofing, siding, and sheet metal work	20-1761	A			195.3	197.0	-.9	20	1,419	S	8RS
17;	Concrete work	20-1770	A	X		197.1	205.4	-4.2	18	1,116	-	3
1771	Concrete work	20-1771	A			197.1	205.4	-4.2	18	1,116	S	3S
178	Water well drilling	20-1780	A	X		19.0	18.1	4.7	12	183	-	1
1781	Water well drilling	20-1781	A			19.0	18.1	4.7	12	183	S	1
179	Miscellaneous special trade contractors	20-1790	A	X		502.5	494.4	1.6	15	2,461	-	20
1791	Structural steel erection	20-1791	A	X		74.2	74.1	.1	20	394	S 1	4R
1793	Glass and glazing work	20-1793	A	X		40.0	39.7	.8	18	289	S 1	4R
1794	Excavation work	20-1794	A	X		108.6	108.9	-.3	15	630	S 1	4R
1795,6,9	Wrecking, demolition, and other special trade contractors	20-1799	A	X		279.7	271.7	2.9	14	1,148	S 1	8RS

See footnotes at end of table.

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990					Est. method
			Produced	Published		Bench mark employment	Estimated employment	Percent error	Sample		
									Percent coverage	Number of reports	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
20-39	Manufacturing	30-0000	A0	A0	1939	19,160	19,109	.3	48	52,304	-
24,25,32-39	Durable goods	31-0000	A0	A0	1939	11,216	11,222	-.1	51	30,269	-
24	Lumber and wood products	31-2400	A0	A0	1947	736.9	734.3	.4	39	3,856	-
241	Logging	31-2410	A0	A0	1947	80.9	82.2	-1.6	16	497	-
2411	Logging	31-2411	A0			80.9	82.2	-1.6	16	497	S
242	Sawmills and planing mills	31-2420	A0	A0	1947	200.5	198.5	1.0	45	1,118	-
2421	Sawmills and planing mills, general	31-2421	A0	A0	1958	162.1	160.2	1.2	46	910	S
2426	Hardwood dimension and flooring mills	31-2426	A0	D0	1972	35.3	34.9	1.1	44	185	S
2429	Special product sawmills, nec	31-2429	A0	X		3.1	3.4	-9.7	23	23	S
243	Millwork, plywood, and structural members	31-2430	A0	A0	1972	264.7	261.4	1.2	41	1,179	-
2431	Millwork	31-2431	A0	D0	1972	107.1	105.4	1.6	42	474	S
2434	Wood kitchen cabinets	31-2434	A0	D0	1972	72.4	71.3	1.5	29	319	S
2435	Hardwood veneer and plywood	31-2435	A0	D0	1972	24.0	23.5	2.1	55	126	S
2436	Softwood veneer and plywood	31-2436	A0	D0	1972	33.7	34.0	-.9	63	109	S
2439	Structural wood members, nec	31-2439	A0	X		27.5	27.2	1.1	30	151	S
244	Wood containers	31-2440	A0	A0	1972	45.0	43.6	3.1	28	348	-
2441	Nailed wood boxes and shook	31-2441	A0	X		4.4	4.6	-4.5	27	40	S
2448	Wood pallets and skids	31-2448	A0	X		32.4	31.2	3.7	25	264	S
2449	Wood containers, nec	31-2449	A0	X		8.2	7.8	4.9	41	44	S
245	Wood buildings and mobile homes	31-2450	A0	A0	1972	58.6	60.9	-3.9	39	215	-
2451	Mobile homes	31-2451	A0	D0	1972	40.0	41.6	-4.0	41	118	S
2452	Prefabricated wood buildings	31-2452	A0	X		18.6	19.3	-3.8	34	97	S
249	Miscellaneous wood products	31-2490	A0	A0	1972	87.2	87.7	-.6	43	499	-
2491	Wood preserving	31-2491	A0	X		12.6	12.6	0	40	106	S
2493	Reconstituted wood products	31-2493	A0	X		18.1	17.7	2.2	53	59	S
2499	Wood products, nec	31-2499	A0	X		56.5	57.4	-1.6	39	334	S
25	Furniture and fixtures	31-2500	A0	A0	1947	517.5	518.3	-.2	48	1,656	-
251	Household furniture	31-2510	A0	A0	1972	298.4	298.8	-.1	53	907	-
2511	Wood household furniture	31-2511	A0	A0	1972	131.1	130.5	.5	59	358	S
2512	Upholstered household furniture	31-2512	A0	A0	1972	97.6	100.4	-2.9	55	269	S
2514	Metal household furniture	31-2514	A0	D0	1972	26.9	25.5	5.2	52	77	S
2515	Mattresses and bedsprings	31-2515	A0	A0	1958	29.2	28.8	1.4	33	162	S
2517,9	Wood television and radio cabinets, and household furniture, nec	31-2519	A0	X		13.6	13.6	0	37	41	S
252	Office furniture	31-2520	A0	A0	1958	70.0	69.6	.6	44	166	-
2521	Wood office furniture	31-2521	A0	X		35.1	34.7	1.1	37	108	S
2522	Office furniture, except wood	31-2522	A0	X		34.9	34.9	0	52	58	S
253	Public building and related furniture	31-2530	A0	A0	1958	33.4	31.8	4.8	50	102	-
2531	Public building and related furniture	31-2531	A0			33.4	31.8	4.8	50	102	S
254	Partitions and fixtures	31-2540	A0	A0	1958	78.2	81.4	-4.1	39	349	-
2541	Wood partitions and fixtures	31-2541	A0	X		42.6	44.3	-4.0	34	231	S
2542	Partitions and fixtures, except wood	31-2542	A0	X		35.6	37.1	-4.2	45	118	S
259	Miscellaneous furniture and fixtures	31-2590	A0	A0	1958	37.5	36.7	2.1	38	132	-
2591	Drapery hardware and blinds and shades	31-2591	A0	X		22.4	21.8	2.7	33	62	S

See footnotes at end of table.

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1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990					Est. method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Sample: Percent coverage	Sample: Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2599	Furniture and fixtures, nec	31-2599	AO	X		15.1	14.9	1.3	44	70	S	1
32	Stone, clay, and glass products	31-3200	AO	AO	1939	554.9	551.7	.6	45	2,701	-	31
321	Flat glass	31-3210	AO	DO	1951	16.6	16.3	1.8	55	30	-	1
3211	Flat glass	31-3211	AO			16.6	16.3	1.8	55	30	S	1
322	Glass and glassware, pressed or blown	31-3220	AO	AO	1951	83.7	85.6	-2.3	65	135	-	2
3221	Glass containers	31-3221	AO	AO	1958	40.4	42.6	-5.4	55	56	S	1
3229	Pressed and blown glass, nec	31-3229	AO	AO	1958	43.3	43.0	.7	74	79	S	1
323	Products of purchased glass	31-3230	AO	AO	1972	60.7	55.2	9.1	38	177	-	2
3231	Products of purchased glass	31-3231	AO			60.7	55.2	9.1	38	177	S	2R
324	Cement, hydraulic	31-3240	AO	AO	1939	17.9	18.7	-4.5	55	90	-	1
3241	Cement, hydraulic	31-3241	AO			17.9	18.7	-4.5	55	90	S	1
325	Structural clay products	31-3250	AO	AO	1939	36.1	36.6	-1.4	57	201	-	3
3251	Brick and structural clay tile	31-3251	AO	X		15.8	16.3	-3.2	63	121	S	1
3255	Clay refractories	31-3255	AO	X		7.0	7.3	-4.3	37	39	S	1
3253,9	Ceramic tile and structural clay products, nec	31-3259	AO	X		13.3	13.0	2.3	60	41	S	1
326	Pottery and related products	31-3260	AO	AO	1947	39.5	40.4	-2.3	55	123	-	4
3261	Vitreous plumbing fixtures	31-3261	AO	X		9.1	9.6	-5.5	80	24	S	1
3262,3	Vitreous and semivitreous table and kitchenware	31-3263	AO	X		5.6	5.7	-1.8	66	8	S	1
3264	Porcelain electrical supplies	31-3264	AO	X		11.3	11.1	1.8	65	37	S	1
3269	Pottery products, nec	31-3269	AO	X		13.5	14.0	-3.7	26	54	S	1
327	Concrete, gypsum, and plaster products	31-3270	AO	AO	1958	202.6	202.8	-.1	35	1,512	-	8
3271	Concrete block and brick	31-3271	AO	DO	1972	19.5	18.5	5.1	24	185	S	3RS
3272	Concrete products, nec	31-3272	AO	DO	1972	71.9	70.8	1.5	36	540	S	1
3273	Ready-mixed concrete	31-3273	AO	DO	1972	92.3	94.4	-2.3	31	700	S	2S
3274	Lime	31-3274	AO	X		5.4	5.2	3.7	63	34	S	1
3275	Gypsum products	31-3275	AO	X		13.5	13.9	-3.0	55	53	S	1
328	Cut stone and stone products	31-3280	AO	X		15.1	13.8	8.6	27	133	-	3
3281	Cut stone and stone products	31-3281	AO			15.1	13.8	8.6	27	133	S	3R
329	Miscellaneous nonmetallic mineral products	31-3290	AO	AO	1988	82.7	82.3	.5	42	300	-	7
3291	Abrasive products	31-3291	AO	DO	1958	21.7	21.6	.5	45	82	S	2S
3292	Asbestos products	31-3292	AO	DO	1972	6.6	7.1	-7.6	56	23	S	1
3295	Minerals, ground or treated	31-3295	AO	X		13.0	12.8	1.5	33	63	S	1
3296	Mineral wool	31-3296	AO	C	1972	24.3	24.4	-.4	43	55	S	1
3297	Nonclay refractories	31-3297	AO	X		8.1	8.1	0	42	28	S	1
3299	Nonmetallic mineral products, nec	31-3299	AO	X		9.0	8.3	7.8	31	49	S	1
33	Primary metal industries	31-3300	AO	AO	1947	758.3	754.6	.5	58	1,830	-	30
331	Blast furnaces and basic steel products	31-3310	AO	AO	1939	274.6	269.7	1.8	56	348	-	6
3312	Blast furnaces and steel mills	31-3312	AO	AO	1958	207.3	203.1	2.0	60	135	S	1
3313	Electrometallurgical products	31-3313	AO	X		6.1	5.8	4.9	72	20	S	1
3315	Steel wire and related products	31-3315	AO	X		18.5	18.4	.5	42	69	S	1
3316	Cold finishing of steel shapes	31-3316	AO	X		17.6	18.0	-2.3	41	56	S	1

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990			Sample		Est. method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Percent coverage	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
332	Iron and steel foundries	31-3320	A0	A0	1939	133.4	134.5	-.8	68	410	-	5
3321	Gray and ductile iron foundries	31-3321	A0	A0	1958	80.9	82.5	-2.0	71	269	S	25
3322	Malleable iron foundries	31-3322	A0	A0	1958	8.8	8.8	0	82	19	S	1
3324	Steel investment foundries	31-3324	A0	X		15.8	15.0	5.1	65	33	S	1
3325	Steel foundries, nec	31-3325	A0	A0	1972	27.9	28.2	-1.1	56	89	S	1
333	Primary nonferrous metals	31-3330	A0	A0	1958	46.0	45.3	1.5	75	70	-	3
3331	Primary copper	31-3331	A0	X		5.5	5.4	1.8	62	10	S	1
3334	Primary aluminum	31-3334	A0	A0	1964	26.0	25.5	1.9	84	27	S	1
3339	Primary nonferrous metals, nec	31-3339	A0	X		14.5	14.4	.7	66	33	S	1
334	Secondary nonferrous metals	31-3340	A0	X		18.9	17.9	5.3	33	84	-	1
3341	Secondary nonferrous metals	31-3341	A0			18.9	17.9	5.3	33	84	S	1
335	Nonferrous rolling and drawing	31-3350	A0	A0	1958	173.0	175.1	-1.2	60	345	-	6
3351	Copper rolling and drawing	31-3351	A0	A0	1958	23.1	23.2	-.4	71	66	S	1
3353	Aluminum sheet, plate, and foil	31-3353	A0	A0	1972	28.2	28.2	0	77	43	S	1
3354	Aluminum extruded products	31-3354	A0	X		30.1	31.4	-4.3	53	64	S	1
3355,6	Aluminum and nonferrous rolling and drawing, nec	31-3356	A0	X		18.2	18.4	-1.1	53	45	S	1
3357	Nonferrous wire drawing and insulating	31-3357	A0	A0	1958	73.4	73.9	-.7	55	127	S	25
336	Nonferrous foundries (castings)	31-3360	A0	A0	1947	85.1	85.5	-.5	48	419	-	7
3363	Aluminum die-castings	31-3363	A0	X		27.8	28.8	-3.6	42	88	S	25
3364	Nonferrous die-castings, except aluminum	31-3364	A0	X		13.0	12.6	3.1	63	71	S	1
3365	Aluminum foundries	31-3365	A0	D0	1988	24.5	23.6	3.7	50	150	S	25
3366	Copper foundries	31-3366	A0	X		10.8	10.9	-.9	44	89	S	1
3369	Nonferrous foundries, nec	31-3369	A0	X		9.0	9.6	-6.7	41	21	S	1
339	Miscellaneous primary metal products	31-3390	A0	X		27.3	26.6	2.6	36	154	-	2
3398	Metal heat treating	31-3398	A0	X		15.4	15.0	2.6	26	111	S	1
3399	Primary metal products, nec	31-3399	A0	X		11.9	11.6	2.5	50	43	S	1
34	Fabricated metal products	31-3400	A0	A0	1947	1,427.9	1,414.7	.9	43	5,532	-	46
341	Metal cans and shipping containers	31-3410	A0	A0	1958	50.6	52.3	-3.4	43	159	-	2
3411	Metal cans	31-3411	A0	A0	1947	40.9	41.9	-2.4	42	111	S	1
3412	Metal barrels, drums, and pails	31-3412	A0	X		9.7	10.4	-7.2	46	48	S	1
342	Cutlery, handtools, and hardware	31-3420	A0	A0	1947	133.6	130.4	2.4	61	440	-	5
3421	Cutlery	31-3421	A0	X		12.1	12.2	-.8	74	31	S	1
3423,5	Hand and edge tools, and blades and handsaws	31-3425	A0	A0	1972	45.5	45.0	1.1	60	178	S	25
3429	Hardware, nec	31-3429	A0	A0	1958	76.0	73.2	3.7	59	231	S	25
343	Plumbing and heating, except electric	31-3430	A0	A0	1972	59.7	62.3	-4.4	44	161	-	3
3431	Metal sanitary ware	31-3431	A0	X		13.5	13.5	0	30	23	S	1
3432	Plumbing fixture fittings and trim	31-3432	A0	D0	1972	26.5	27.1	-2.3	51	61	S	1
3433	Heating equipment, except electric	31-3433	A0	D0	1972	19.7	21.7	-10.2	44	77	S	1
344	Fabricated structural metal products	31-3440	A0	A0	1972	423.0	420.6	.6	34	2,058	-	11
3441	Fabricated structural metal	31-3441	A0	A0	1958	78.3	76.5	2.3	35	436	S	1
3442	Metal doors, sash, and trim	31-3442	A0	A0	1958	73.5	72.7	1.1	42	281	S	25
3443	Fabricated plate work (boiler shops)	31-3443	A0	A0	1958	106.0	108.1	-2.0	36	445	S	1
3444	Sheet metal work	31-3444	A0	A0	1958	95.5	94.0	1.6	27	508	S	25
3446	Architectural metal work	31-3446	A0	D0	1972	29.4	28.6	2.7	33	210	S	1

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990					Est. method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Sample: Percent coverage	Sample: Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
3448	Prefabricated metal buildings	31-3448	AO	X		25.5	25.3	.8	28	86	S	25
3449	Miscellaneous metal work	31-3449	AO	X		14.8	15.4	-4.1	45	92	S	25
345	Screw machine products, bolts, etc	31-3450	AO	AO	1958	97.8	98.3	-.5	33	427	-	3
3451	Screw machine products	31-3451	AO	AO	1958	46.9	47.5	-1.3	28	263	S	25
3452	Bolts, nuts, rivets, and washers	31-3452	AO	AO	1958	50.9	50.8	.2	39	164	S	1
346	Metal forgings and stampings	31-3460	AO	AO	1972	226.7	223.2	1.5	51	696	-	6
3462	Iron and steel forgings	31-3462	AO	AO	1958	32.9	31.7	3.6	45	108	S	1
3465	Automotive stampings	31-3465	AO	AO	1972	102.0	100.4	1.6	62	180	S	25
3463,6	Nonferrous forgings, crowns, and closures	31-3466	AO	X		12.1	12.6	-4.1	60	29	S	1
3469	Metal stampings, nec	31-3469	AO	AO	1972	79.7	78.5	1.5	38	379	S	25
347	Metal services, nec	31-3470	AO	AO	1958	120.5	120.0	.4	27	651	-	2
3471	Plating and polishing	31-3471	AO	AO	1972	76.2	76.8	-.8	27	445	S	1
3479	Metal coating and allied services	31-3479	AO	AO	1972	44.3	43.2	2.5	26	206	S	1
348	Ordnance and accessories, nec	31-3480	AO	AO	1972	77.7	71.1	8.5	69	85	-	2
3483	Ammunition, except for small arms, nec	31-3483	AO	DO	1964	47.3	40.9	13.5	69	36	S	1
3482,4,9	Small arms, small arms ammunition, and other ordnance and accessories, nec	31-3489	AO	X		30.4	30.2	.7	69	49	S	1
349	Miscellaneous fabricated metal products	31-3490	AO	AO	1972	238.3	236.5	.8	41	855	-	12
3491	Industrial valves	31-3491	AO	X		27.9	27.1	2.9	53	76	S	1
3492	Fluid power valves and hose fittings	31-3492	AO	X		28.6	29.1	-1.7	49	73	S	25
3493	Steel springs, except wire	31-3493	AO	X		6.0	5.9	1.7	35	30	S	1
3494	Valves and pipe fittings, nec	31-3494	AO	AO	1988	29.1	29.8	-2.4	55	87	S	25
3495	Wire springs	31-3495	AO	X		13.1	12.6	3.8	36	70	S	1
3496	Miscellaneous fabricated wire products	31-3496	AO	AO	1972	53.7	54.5	-1.5	34	203	S	25
3498	Fabricated pipe and fittings	31-3498	AO	X		24.2	23.5	2.9	33	104	S	1
3497,9	Metal foil and leaf, and fabricated metal products, nec	31-3499	AO	X		55.7	54.0	3.1	38	212	S	25
35	Industrial machinery and equipment	31-3500	AO	AO	1947	2,117.8	2,123.6	-.3	45	6,334	-	65
351	Engines and turbines	31-3510	AO	AO	1958	88.9	92.1	-3.6	65	80	-	2
3511	Turbines and turbine generator sets	31-3511	AO	AO	1958	25.3	26.6	-5.1	59	26	S	1
3519	Internal combustion engines, nec	31-3519	AO	AO	1958	63.6	65.5	-3.0	68	54	S	1
352	Farm and garden machinery	31-3520	AO	AO	1972	110.3	116.8	-5.9	58	407	-	3
3523	Farm machinery and equipment	31-3523	AO	AO	1972	79.6	82.5	-3.6	55	356	S	25
3524	Lawn and garden equipment	31-3524	AO	X		30.7	34.3	-11.7	67	51	S	1
353	Construction and related machinery	31-3530	AO	AO	1958	229.0	225.6	1.5	49	666	-	10
3531	Construction machinery	31-3531	AO	AO	1972	88.0	84.7	3.8	64	183	S	25
3532	Mining machinery	31-3532	AO	DO	1972	18.0	17.1	5.0	53	78	S	1
3533	Oil and gas field machinery	31-3533	AO	AO	1958	41.2	40.3	2.2	28	95	S	25
3534	Elevators and moving stairways	31-3534	AO	X		11.5	12.1	-5.2	44	26	S	1
3535	Conveyors and conveying equipment	31-3535	AO	DO	1972	33.9	34.2	-.9	43	157	S	1
3536	Hoists, cranes, and monorails	31-3536	AO	X		8.4	8.3	1.2	33	31	S	1
3537	Industrial trucks and tractors	31-3537	AO	DO	1972	28.0	28.9	-3.2	46	96	S	25
354	Metalworking machinery	31-3540	AO	AO	1958	333.3	333.1	.1	33	1,541	-	11
3541	Machine tools, metal cutting types	31-3541	AO	AO	1958	47.5	48.4	-1.9	39	162	S	25
3542	Machine tools, metal forming types	31-3542	AO	DO	1972	18.3	18.8	-2.7	49	93	S	1

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990			Sample		Est. method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Percent coverage	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
3543	Industrial patterns	31-3543	AO	X		9.0	8.7	3.3	16	74	S	1
3544	Special dies, tools, jigs, and fixtures	31-3544	AO	AO	1958	148.5	147.8	.5	22	814	S	25
3545	Machine tool accessories	31-3545	AO	AO	1958	56.9	56.3	1.1	36	257	S	25
3546	Power driven handtools	31-3546	AO	DO	1972	21.4	21.0	1.9	67	46	S	1
3548	Welding apparatus	31-3548	AO	X		19.0	19.6	-3.2	57	45	S	1
3547,9	Rolling mill and metalworking machinery, nec	31-3549	AO	X		12.7	12.5	1.6	31	50	S	1
353	Special industry machinery	31-3550	AO	AO	1958	159.9	159.1	.5	40	682	-	9
3552	Textile machinery	31-3552	AO	AO	1958	18.4	19.2	-4.3	49	126	S	25
3553	Woodworking machinery	31-3553	AO	X		9.8	10.0	-2.0	53	70	S	1
3554	Paper industries machinery	31-3554	AO	X		19.7	18.9	4.1	46	73	S	1
3555	Printing trades machinery	31-3555	AO	AO	1958	25.7	23.7	7.8	30	69	S	1
3556	Food products machinery	31-3556	AO	DO	1988	23.8	24.1	-1.3	46	118	S	25
3559	Special industry machinery, nec	31-3559	AO	X		62.5	63.2	-1.1	35	226	S	25
356	General industrial machinery	31-3560	AO	AO	1972	249.4	243.7	2.3	43	798	-	14
3561	Pumps and pumping equipment	31-3561	AO	AO	1988	32.0	29.3	8.4	58	106	S	1
3562	Ball and roller bearings	31-3562	AO	AO	1958	43.3	43.6	-.7	45	61	S	1
3563	Air and gas compressors	31-3563	AO	DO	1972	25.7	24.3	5.4	40	49	S	25
3564	Blowers and fans	31-3564	AO	DO	1964	31.9	31.4	1.6	42	122	S	1
3565	Packaging machinery	31-3565	AO	X		21.8	20.6	5.5	44	101	S	25
3566	Speed changers, drives, and gears	31-3566	AO	DO	1972	16.3	16.3	0	49	59	S	1
3567	Industrial furnaces and ovens	31-3567	AO	X		18.6	18.6	0	37	98	S	25
3568	Power transmission equipment, nec	31-3568	AO	DO	1972	19.8	19.0	4.0	46	64	S	25
3569	General industrial machinery, nec	31-3569	AO	X		40.0	40.6	-1.5	33	138	S	25
357	Computer and office equipment	31-3570	AO	AO	1958	445.7	452.9	-1.6	53	259	-	6
3571	Electronic computers	31-3571	AO	AO	1988	284.9	280.6	1.5	60	107	S	25
3572	Computer storage devices	31-3572	AO	X		35.7	39.2	-9.8	28	33	S	1
3577	Computer peripheral equipment, nec	31-3577	AO	X		58.5	63.5	-8.5	34	69	S	25
3575,8,9	Computer terminals, calculators, and office machines, nec	31-3579	AO	AO	1988	66.6	69.6	-4.5	53	50	S	1
358	Refrigeration and service machinery	31-3580	AO	AO	1958	180.4	184.1	-2.1	54	415	-	5
3581	Automatic vending machines	31-3581	AO	X		7.5	7.3	2.7	39	15	S	1
3582	Commercial laundry equipment	31-3582	AO	X		5.8	5.8	0	53	23	S	1
3585	Refrigeration and heating equipment	31-3585	AO	AO	1972	123.9	129.7	-4.7	61	239	S	25
3586,9	Measuring and dispensing pumps, and service industry machinery, nec	31-3589	AO	X		43.2	41.3	4.4	36	138	S	1
359	Miscellaneous industrial and commercial machinery	31-3590	AO	AO	1972	320.9	316.2	1.5	28	1,486	-	5
3592	Carburetors, pistons, rings, valves	31-3592	AO	DO	1972	23.5	23.8	-1.3	65	53	S	25
3593	Fluid power cylinders and actuators	31-3593	AO	X		19.4	19.2	1.0	41	71	S	1
3594	Fluid power pumps and motors	31-3594	AO	X		29.5	30.6	-3.7	65	62	S	1
3596,9	Scales, balances, and industrial machinery, nec	31-3599	AO	AO	1982	248.5	242.6	2.4	20	1,300	S	1
36	Electronic and other electrical equipment	31-3600	AO	AO	1939	1,692.7	1,711.7	-1.1	48	2,922	-	48
361	Electric distribution equipment	31-3610	AO	AO	1958	98.6	97.2	1.4	57	233	-	4

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series: Produced	Basic series: Published	Beginning date of pub. AE	March 1990: Benchmark employment	March 1990: Estimated employment	March 1990: Percent error	Sample: Percent coverage	Sample: Number of reports	Est. method	No. and type of strata
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
3612	Transformers, except electronic	31-3612	A0	A0	1958	50.0	49.1	1.8	62	109	S	25
3613	Switchgear and switchboard apparatus	31-3613	A0	A0	1958	48.6	48.1	1.0	51	124	S	25
362	Electrical industrial apparatus	31-3620	A0	A0	1958	171.2	173.3	-1.2	45	390	-	5
3621	Motors and generators	31-3621	A0	A0	1958	85.1	86.7	-1.9	50	174	S	1
3624	Carbon and graphite products	31-3624	A0	X		11.0	11.2	-1.8	65	36	S	1
3625	Relays and industrial controls	31-3625	A0	A0	1988	66.0	66.8	-1.2	38	157	S	25
3629	Electrical industrial apparatus, nec	31-3629	A0	X		9.1	8.6	5.5	27	23	S	1
363	Household appliances	31-3630	A0	A0	1958	126.5	130.0	-2.8	66	136	-	6
3631	Household cooking equipment	31-3631	A0	X		20.6	20.5	.5	52	18	S	1
3632	Household refrigerators and freezers	31-3632	A0	A0	1958	27.4	27.2	.7	72	17	S	1
3633	Household laundry equipment	31-3633	A0	A0	1958	21.5	21.5	0	76	10	S	1
3634	Electric housewares and fans	31-3634	A0	A0	1958	32.0	35.3	-10.3	56	62	S	25
3635,9	Household vacuum cleaners and appliances, nec	31-3639	A0	X		25.0	25.5	-2.0	75	29	S	1
364	Electric lighting and wiring equipment	31-3640	A0	A0	1958	192.7	191.9	.4	48	468	-	9
3641	Electric lamps	31-3641	A0	A0	1972	24.7	25.5	-3.2	46	44	S	1
3643	Current-carrying wiring devices	31-3643	A0	A0	1972	73.8	74.1	-.4	56	166	S	25
3644	Noncurrent-carrying wiring devices	31-3644	A0	D0	1972	17.6	16.3	7.4	40	55	S	2
3645	Residential lighting fixtures	31-3645	A0	D0	1972	24.5	25.3	-3.3	29	81	S	1
3646	Commercial lighting fixtures	31-3646	A0	X		23.0	20.8	9.6	33	53	S	1
3647	Vehicular lighting equipment	31-3647	A0	X		18.5	18.5	0	77	35	S	1
3648	Lighting equipment, nec	31-3648	A0	X		10.6	11.4	-7.5	37	34	S	1
365	Household audio and video equipment	31-3650	A0	A0	1958	83.0	86.7	-4.5	44	125	-	3
3651	Household audio and video equipment	31-3651	A0	A0	1972	62.0	65.0	-4.8	50	91	S	25
3652	Prerecorded records and tapes	31-3652	A0	X		21.0	21.7	-3.3	25	34	S	1
366	Communications equipment	31-3660	A0	A0	1988	266.8	262.2	1.7	38	312	-	4
3661	Telephone and telegraph apparatus	31-3661	A0	A0	1988	129.5	133.1	-2.8	43	115	S	25
3663	Radio and television communications equipment	31-3663	A0	X		113.0	106.4	5.8	34	136	S	1
3669	Communications equipment, nec	31-3669	A0	X		24.3	22.7	6.6	32	61	S	1
367	Electronic components and accessories	31-3670	A0	A0	1958	587.3	604.0	-2.8	48	963	-	11
3671	Electron tubes	31-3671	A0	A0	1988	32.3	34.6	-7.1	78	42	S	25
3672	Printed circuit boards	31-3672	A0	X		102.2	106.0	-3.7	25	190	S	25
3674	Semiconductors and related devices	31-3674	A0	A0	1972	240.0	245.8	-2.4	57	180	S	1
3675	Electronic capacitors	31-3675	A0	X		22.1	25.3	-14.5	55	49	S	1
3676	Electronic resistors	31-3676	A0	X		12.6	10.6	15.9	40	29	S	1
3677	Electronic coils and transformers	31-3677	A0	X		19.2	20.5	-6.8	43	97	S	1
3678	Electronic connectors	31-3678	A0	X		15.6	13.0	16.7	42	37	S	1
3679	Electronic components, nec	31-3679	A0	A0	1988	143.3	148.2	-3.4	43	339	S	25
369	Miscellaneous electrical equipment and supplies	31-3690	A0	A0	1988	166.6	166.4	.1	49	295	-	6
3691	Storage batteries	31-3691	A0	D0	1972	29.5	28.5	3.4	46	50	S	1
3692	Primary batteries, dry and wet	31-3692	A0	X		10.7	10.5	1.9	53	20	S	1
3694	Engine electrical equipment	31-3694	A0	A0	1947	69.8	68.4	2.0	57	109	S	25
3695,9	Magnetic and optical recording media, and electrical equipment and supplies, nec	31-3699	A0	X		56.6	59.0	-4.2	40	116	S	25

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990					Est. method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Sample: Percent coverage	Sample: Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
37	Transportation equipment	31-3700	AO	AO	1939	2,018.2	2,020.9	-.1	67	2,220	-	25
371	Motor vehicles and equipment	31-3710	AO	AO	1939	833.0	824.1	1.1	69	1,087	-	6
3711	Motor vehicles and car bodies	31-3711	AO	AO	1958	348.3	330.0	5.3	82	138	S	1
3713	Truck and bus bodies	31-3713	AO	AO	1958	40.5	42.0	-3.7	62	170	S	1
3714	Motor vehicle parts and accessories	31-3714	AO	AO	1958	399.5	405.7	-1.6	61	620	S	2S
3715	Truck trailers	31-3715	AO	DO	1964	26.6	27.6	-3.8	52	112	S	1
3716	Motor homes	31-3716	AO	X		18.1	18.8	-3.9	49	47	S	1
372	Aircraft and parts	31-3720	AO	AO	1939	714.6	718.0	-.5	65	479	-	4
3721	Aircraft	31-3721 2	AO	AO	1939	384.0	386.5	-.7	58	64	S	1
3724	Aircraft engines and engine parts	31-3724	AO	AO	1972	151.4	156.3	-3.2	79	132	S	1
3728	Aircraft parts and equipment, nec	31-3728	AO	AO	1972	179.2	175.2	2.2	66	283	S	2S
373	Ship and boat building and repairing	31-3730	AO	AO	1939	188.9	191.4	-1.3	63	321	-	8
3731	Ship building and repairing	31-3731	AO	AO	1923	125.9	126.4	-.4	77	123	S	6R
3732	Boat building and repairing	31-3732	AO	DO	1947	63.0	65.0	-3.2	35	198	S	2S
3731-1	Ship building and repairing, Region 1	31-3733	AO	X		37.7	37.0	1.9	88	24	S	1
3731-2	Ship building and repairing, Region 2	31-3734	AO	X		33.1	34.2	-3.3	91	20	S	1
3731-3	Ship building and repairing, Region 3	31-3735	AO	X		34.2	32.5	5.0	69	40	S	1
3731-4	Ship building and repairing, Region 4	31-3736	AO	X		16.6	17.8	-7.2	43	29	S	1
3731-5	Ship building and repairing, Region 5	31-3737	AO	X		2.5	3.0	-20.0	76	5	S	1
3731-6	Ship building and repairing, Region 6	31-3738	AO	X		1.8	1.9	-5.6	44	5	S	1
374	Railroad equipment	31-3740	AO	AO	1947	32.8	34.0	-3.7	46	66	-	1
3743	Railroad equipment	31-3743	AO			32.8	34.0	-3.7	46	66	S	1
375	Motorcycles, bicycles, and parts	31-3750	AO	X		13.2	13.8	-4.5	52	23	-	1
3751	Motorcycles, bicycles, and parts	31-3751	AO			13.2	13.8	-4.5	52	23	S	1
376	Guided missiles, space vehicles, and parts	31-3760	AO	AO	1972	189.6	191.9	-1.2	80	84	-	2
3761	Guided missiles and space vehicles	31-3761 2	AO	AO	1958	135.6	137.8	-1.6	85	41	S	1
3764,9	Space propulsion units and parts, and space vehicle equipment, nec	31-3769	AO	X		54.0	54.1	-.2	66	43	S	1
379	Miscellaneous transportation equipment	31-3790	AO	AO	1972	46.1	47.7	-3.5	50	160	-	3
3792	Travel trailers and campers	31-3792	AO	DO	1972	17.0	18.5	-8.8	44	75	S	1
3795	Tanks and tank components	31-3795	AO	X		15.1	15.5	-2.6	72	11	S	1
3799	Transportation equipment, nec	31-3799	AO	X		14.0	13.7	2.1	33	74	S	1
38	Instruments and related products	31-3800	AO	AO	1947	1,013.9	1,006.0	.8	58	1,657	-	23
381	Search and navigation equipment	31-3810	AO	AO	1988	289.5	287.4	.7	78	211	-	2
3812	Search and navigation equipment	31-3812	AO			289.5	287.4	.7	78	211	S	1
382	Measuring and controlling devices	31-3820	AO	AO	1988	328.1	325.1	.9	50	707	-	10
3821	Laboratory apparatus and furniture	31-3821	AO	X		8.9	7.8	12.4	55	28	S	1
3822	Environmental controls	31-3822	AO	AO	1958	49.6	48.8	1.6	50	74	S	2S
3823	Process control instruments	31-3823	AO	AO	1972	67.4	65.4	3.0	40	157	S	1
3824	Fluid meters and counting devices	31-3824	AO	X		12.2	10.8	11.5	61	41	S	1
3825	Instruments to measure electricity	31-3825	AO	AO	1972	93.7	97.6	-4.2	67	153	S	2S
3826	Analytical instruments	31-3826	AO	X		30.6	30.5	.3	39	61	S	1
3827	Optical instruments and lenses	31-3827	AO	X		20.3	19.6	3.4	37	60	S	1
3829	Measuring and controlling devices, nec	31-3829	AO	X		45.4	44.6	1.8	39	133	S	1

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990			Sample		Est. method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Percent coverage	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
384	Medical instruments and supplies	31-3840	A0	A0	1988	242.3	240.8	.6	38	475	-	6
3841	Surgical and medical instruments	31-3841	A0	A0	1972	98.0	99.3	-1.3	36	157	S	1
3842	Surgical appliances and supplies	31-3842	A0	A0	1972	92.1	91.4	.8	45	233	S	2S
3843	Dental equipment and supplies	31-3843	A0	X		13.0	12.7	2.3	41	43	S	1
3844	X-ray apparatus and tubes	31-3844	A0	X		10.4	10.3	1.0	11	10	S	1
3845	Electromedical equipment	31-3845	A0	X		28.8	27.1	5.9	28	32	S	1
385	Ophthalmic goods	31-3850	A0	A0	1958	43.4	40.1	7.6	44	124	-	2
3851	Ophthalmic goods	31-3851	A0			43.4	40.1	7.6	44	124	S	2S
386	Photographic equipment and supplies	31-3860	A0	A0	1947	99.7	101.5	-1.8	76	113	-	2
3861	Photographic equipment and supplies	31-3861	A0			99.7	101.5	-1.8	76	113	S	2S
387	Watches, clocks, watchcases, and parts	31-3870	A0	A0	1939	10.9	11.1	-1.8	54	27	-	1
3873	Watches, clocks, watchcases, and parts	31-3873	A0			10.9	11.1	-1.8	54	27	S	1
39	Miscellaneous manufacturing industries	31-3900	A0	A0	1947	377.4	386.0	-2.3	38	1,561	-	22
391	Jewelry, silverware, and plated ware	31-3910	A0	A0	1947	52.4	52.9	-1.0	36	201	-	4
3911	Jewelry, precious metal	31-3911	A0	D0	1972	38.5	38.6	-.3	28	137	S	2S
3914	Silverware and plated ware	31-3914	A0	X		6.8	7.5	-10.3	63	30	S	1
3915	Jewelers' materials and lapidary work	31-3915	A0	X		7.1	6.8	4.2	51	34	S	1
393	Musical instruments	31-3930	A0	A0	1958	12.7	12.0	5.5	50	64	-	1
3931	Musical instruments	31-3931	A0			12.7	12.0	5.5	50	64	S	1
394	Toys and sporting goods	31-3940	A0	A0	1947	103.9	105.1	-1.2	45	346	-	4
3942,4	Dolls, games, toys, and children's vehicles	31-3944	A0	A0	1958	42.4	44.1	-4.0	48	125	S	2S
3949	Sporting and athletic goods, nec	31-3949	A0	A0	1958	61.5	61.0	.8	42	221	S	2S
395	Pens, pencils, office, and art supplies	31-3950	A0	A0	1951	34.3	35.0	-2.0	50	156	-	3
3951	Pens and mechanical pencils	31-3951	A0	X		9.2	9.2	0	82	27	S	1
3952	Lead pencils and art goods	31-3952	A0	X		7.3	8.0	-9.6	60	29	S	1
3953,5	Marking devices, carbon paper, and inked ribbons	31-3955	A0	X		17.8	17.8	0	29	100	S	1
396	Costume jewelry and notions	31-3960	A0	A0	1988	33.8	39.0	-15.4	25	97	-	2
3961	Costume jewelry	31-3961	A0	D0	1972	21.6	25.5	-18.1	18	60	S	1
3965	Fasteners, buttons, needles, and pins	31-3965	A0	X		12.2	13.5	-10.7	37	37	S	1
399	Miscellaneous manufactures	31-3990	A0	A0	1972	140.3	142.0	-1.2	35	697	-	7
3991	Brooms and brushes	31-3991	A0	X		13.6	13.8	-1.5	52	84	S	1
3993	Signs and advertising specialties	31-3993	A0	D0	1972	58.0	58.5	-.9	24	342	S	2S
3995	Burial caskets	31-3995	A0	X		9.0	9.1	-1.1	48	55	S	2S
3996,9	Hard surface floor coverings and manufacturing industries, nec	31-3999	A0	X		59.7	60.6	-1.5	39	216	S	2S
20-23, 26-31	Nondurable goods	32-0000	A0	A0	1939	7,944	7,887	.7	45	22,035	-	246
20	Food and kindred products	32-2000	A0	A0	1939	1,607.6	1,589.9	1.1	48	4,697	-	60
201	Meat products	32-2010	A0	A0	1939	418.5	410.9	1.8	53	785	-	7
2011	Meat packing plants	32-2011	A0	A0	1958	137.0	137.9	-.7	53	302	S	3S
2013	Sausages and other prepared meats	32-2013	A0	A0	1958	85.8	82.8	3.5	42	266	S	2S
2015	Poultry slaughtering and processing	32-2015	A0	A0	1972	195.7	190.2	2.8	57	217	S	2S

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990					Est. method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Sample: Percent coverage	Sample: Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
202	Dairy products	32-2020	AO	AO	1958	153.6	152.8	.5	43	611	-	9
2021	Creamery butter	32-2021	AO	X		2.1	2.0	4.8	33	14	S	1
2022	Cheese, natural and processed	32-2022	AO	DO	1972	40.7	41.0	-.7	33	144	S	25
2023	Dry, condensed, and evaporated products	32-2023	AO	X		15.8	15.7	.6	60	63	S	1
2024	Ice cream and frozen desserts	32-2024	AO	X		21.1	20.1	4.7	29	78	S	1
2026	Fluid milk	32-2026	AO	AO	1958	73.9	74.0	-.1	50	312	S	4R
203	Preserved fruits and vegetables	32-2030	AO	AO	1972	216.3	214.9	.6	55	675	-	10
2032	Canned specialties	32-2032	AO	AO	1972	22.2	23.7	-6.8	67	27	S	1
2033	Canned fruits and vegetables	32-2033	AO	AO	1972	67.9	65.1	4.1	55	307	S	4R
2034	Dehydrated fruits, vegetables, and soups	32-2034	AO	X		17.9	13.9	22.3	47	53	S	1
2035	Pickles, sauces, and salad dressings	32-2035	AO	X		19.4	21.2	-9.3	55	95	S	2S
2037	Frozen fruits and vegetables	32-2037	AO	AO	1972	46.3	48.7	-5.2	59	108	S	1
2038	Frozen specialties, nec	32-2038	AO	X		42.6	42.3	.7	48	85	S	1
204	Grain mill products	32-2040	AO	AO	1951	126.2	126.6	-.3	41	575	-	7
2041	Flour and other grain mill products	32-2041	AO	DO	1958	21.2	21.8	-2.8	45	102	S	1
2043	Cereal breakfast foods	32-2043	AO	X		19.9	20.3	-2.0	38	21	S	1
2044	Rice milling	32-2044	AO	X		5.6	5.1	8.9	75	21	S	1
2045	Prepared flour mixes and doughs	32-2045	AO	X		9.5	10.0	-5.3	44	29	S	1
2046	Wet corn milling	32-2046	AO	X		9.1	9.3	-2.2	73	23	S	1
2047	Dog and cat food	32-2047	AO	X		16.0	15.8	1.3	26	33	S	1
2048	Prepared feeds, nec	32-2048	AO	DO	1972	44.9	44.3	1.3	35	346	S	1
205	Bakery products	32-2050	AO	AO	1972	209.4	207.4	1.0	49	511	-	3
2051	Bread, cake, and related products	32-2051	AO	AO	1958	154.3	152.4	1.2	48	400	S	2
2052,3	Cookies, crackers, and frozen bakery products, except bread	32-2053	AO	AO	1988	55.1	55.0	.2	54	111	S	1
206	Sugar and confectionery products	32-2060	AO	AO	1972	94.6	100.7	-6.4	55	233	-	6
2061	Raw cane sugar	32-2061	AO	AO	1982	6.7	6.0	10.4	67	30	S	1
2062	Cane sugar refining	32-2062	AO	AO	1982	5.3	5.3	0	75	8	S	1
2063	Beet sugar	32-2063	AO	AO	1982	7.8	8.1	-3.8	79	35	S	1
2064	Candy and other confectionery products	32-2064	AO	AO	1988	47.3	52.0	-9.9	39	117	S	1
2066,7	Chocolate and cocoa products and chewing gum	32-2067	AO	X		20.4	23.0	-12.7	70	33	S	1
2068	Salted and roasted nuts and seeds	32-2068	AO	X		7.1	6.3	11.3	63	30	S	1
207	Fats and oils	32-2070	AO	AO	1972	31.3	30.2	3.5	39	156	-	3
2074,5,6	Cottonseed, soybean, and vegetable oil mills	32-2076	AO	X		13.0	12.3	5.4	45	74	S	1
2077	Animal and marine fats and oils	32-2077	AO	X		8.2	8.0	2.4	28	53	S	1
2079	Edible fats and oils, nec	32-2079	AO	X		10.1	9.9	2.0	40	29	S	1
208	Beverages	32-2080	AO	AO	1947	183.3	183.1	.1	48	533	-	7
2082	Malt beverages	32-2082	AO	AO	1958	39.3	40.3	-2.5	79	42	S	1
2084	Wines, brandy, and brandy spirits	32-2084	AO	X		16.0	12.3	23.1	42	71	S	1
2085	Distilled and blended liquors	32-2085	AO	X		8.5	10.0	-17.6	68	29	S	1
2086	Bottled and canned soft drinks	32-2086	AO	AO	1958	101.5	102.7	-1.2	37	318	S	3S
2083,7	Malt and flavoring extracts and syrups, nec	32-2087	AO	X		18.0	17.8	1.1	36	73	S	1
209	Miscellaneous food and kindred products	32-2090	AO	AO	1972	174.4	163.5	6.4	33	598	-	8
2091	Canned and cured fish and seafoods	32-2091	AO	X		9.4	9.3	1.1	30	47	S	1

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990					Est. method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Sample: Percent coverage	Sample: Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2092	Fresh or frozen packaged fish	32-2092	AO	X		42.7	38.7	9.4	32	144	S	2
2095	Roasted coffee	32-2095	AO	X		11.9	11.7	1.7	38	26	S	1
2096	Potato chips and similar snacks	32-2096	AO	X		34.5	33.3	3.5	36	77	S	1
2097	Manufactured ice	32-2097	AO	X		5.2	5.1	1.9	17	59	S	1
2098	Macaroni and spaghetti	32-2098	AO	X		8.7	7.9	9.2	40	36	S	1
2099	Food preparations, nec	32-2099	AO	X		62.0	57.3	7.6	30	209	S	1
21	Tobacco products	32-2100	AO	AO	1947	48.1	45.5	5.4	44	63	-	3
211	Cigarettes	32-2110	AO	AO	1947	34.9	33.8	3.2	36	07	-	1
2111	Cigarettes	32-2111	AO			34.9	33.8	3.2	36	07	S	1
212	Cigars	32-2120	AO	X		2.9	2.6	10.3	48	17	-	1
2121	Cigars	32-2121	AO			2.9	2.6	10.3	48	17	S	1
213,4	Other tobacco products	32-2140	AO	X		10.3	9.1	11.7	74	39	-	1
2131,41	Other tobacco products	32-2141	AO			10.3	9.1	11.7	74	39	S	1
22	Textile mill products	32-2200	AO	AO	1939	697.9	707.1	-1.3	62	1,708	-	23
221	Broadwoven fabric mills, cotton	32-2210	AO	AO	1958	93.5	93.1	.4	74	136	-	1
2211	Broadwoven fabric mills, cotton	32-2211	AO			93.5	93.1	.4	74	136	S	1
222	Broadwoven fabric mills, synthetics	32-2220	AO	AO	1958	76.8	81.7	-6.4	66	155	-	1
2221	Broadwoven fabric mills, synthetics	32-2221	AO			76.8	81.7	-6.4	66	155	S	1
223	Broadwoven fabric mills, wool	32-2230	AO	AO	1958	17.3	17.7	-2.3	73	55	-	1
2231	Broadwoven fabric mills, wool	32-2231	AO			17.3	17.7	-2.3	73	55	S	1
224	Narrow fabric mills	32-2240	AO	AO	1951	24.1	24.2	-.4	55	113	-	1
2241	Narrow fabric mills	32-2241	AO			24.1	24.2	-.4	55	113	S	1
225	Knitting mills	32-2250	AO	AO	1958	208.8	209.5	-.3	55	443	-	6
2251	Women's hosiery, except socks	32-2251	AO	AO	1958	32.7	32.9	-.6	62	59	S	1
2252	Hosiery, nec	32-2252	AO	AO	1958	39.9	39.2	1.8	60	107	S	1
2253	Knit outerwear mills	32-2253	AO	AO	1958	58.8	63.2	-7.5	47	102	S	1
2254	Knit underwear mills	32-2254	AO	AO	1958	30.1	27.9	7.3	41	39	S	1
2257	Weft knit fabric mills	32-2257	AO	AO	1972	26.8	27.5	-2.6	71	76	S	1
2258,9	Lace and warp knit fabric mills, and knitting mills, nec	32-2259	AO	X		20.5	18.8	8.3	59	60	S	1
226	Textile finishing, except wool	32-2260	AO	AO	1947	61.8	61.3	.8	59	185	-	3
2261	Finishing plants, cotton	32-2261	AO	AO	1972	24.9	25.8	-3.6	67	65	S	1
2262	Finishing plants, synthetics	32-2262	AO	AO	1972	23.9	23.2	2.9	53	71	S	1
2269	Finishing plants, nec	32-2269	AO	X		13.0	12.3	5.4	55	49	S	1
227	Carpets and rugs	32-2270	AO	AO	1958	61.7	65.2	-5.7	55	99	-	2
2273	Carpets and rugs	32-2273	AO			61.7	65.2	-5.7	55	99	S	2R
228	Yarn and thread mills	32-2280	AO	AO	1947	101.9	103.0	-1.1	68	285	-	4
2281	Yarn spinning mills	32-2281	AO	AO	1972	80.0	82.0	-2.5	72	224	S	2S
2282	Throwing and winding mills	32-2282	AO	AO	1972	14.6	14.6	0	56	44	S	1
2284	Thread mills	32-2284	AO	X		7.3	6.4	12.3	56	17	S	1
229	Miscellaneous textile goods	32-2290	AO	AO	1958	52.0	51.4	1.2	56	237	-	4
2295	Coated fabrics, not rubberized	32-2295	AO	X		9.7	8.5	12.4	42	46	S	1
2296	Tire cord and fabrics	32-2296	AO	X		6.3	6.4	-1.6	81	09	S	1
2298	Cordage and twine	32-2298	AO	X		7.4	7.8	-5.4	51	47	S	1

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990					Est. method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Sample: Percent coverage	Sample: Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2297,9	Nonwoven fabrics and other textile goods, nec	32-2299	AO	X		28.6	28.7	-.3	57	135	S	1
23	Apparel and other textile products	32-2300	AO	AO	1939	1,054.4	1,038.9	1.6	39	3,001	-	42
231	Men's and boys' suits and coats	32-2310	AO	AO	1939	50.5	49.4	2.2	58	112	-	2
2311	Men's and boys' suits and coats	32-2311	AO			50.5	49.4	2.2	58	112	S	2S
232	Men's and boys' furnishings	32-2320	AO	AO	1939	278.0	272.8	1.9	50	688	-	8
2321	Men's and boys' shirts	32-2321	AO	AO	1958	65.5	62.9	4.0	52	171	S	2S
2322	Men's and boys' underwear and nightwear	32-2322	AO	X		25.0	23.0	8.0	52	40	S	1
2323	Men's and boys' neckwear	32-2323	AO	X		7.0	7.5	-7.1	40	31	S	1
2325	Men's and boys' trousers and slacks	32-2325	AO	AO	1988	81.2	82.8	-2.0	56	178	S	2S
2326	Men's and boys' work clothing	32-2326	AO	AO	1988	44.4	44.9	-1.1	44	105	S	1
2329	Men's and boys' clothing, nec	32-2329	AO	X		54.9	51.7	5.8	42	163	S	1
233	Women's and misses' outerwear	32-2330	AO	AO	1939	335.2	329.3	1.8	23	808	-	10
2331	Women's and misses' blouses and shirts	32-2331	AO	AO	1958	40.3	40.7	-1.0	36	162	S	1
2335	Women's, juniors', and misses' dresses	32-2335	AO	AO	1958	72.1	74.6	-3.5	18	192	S	3S
2337	Women's and misses' suits and coats	32-2337	AO	AO	1958	32.2	34.1	-5.9	30	108	S	3S
2339	Women's and misses' outerwear, nec	32-2339	AO	AO	1958	190.6	179.9	5.6	22	346	S	4S
234	Women's and children's undergarments	32-2340	AO	AO	1947	63.6	62.7	1.4	51	196	-	2
2341	Women's and children's underwear	32-2341	AO	AO	1958	51.2	49.8	2.7	50	161	S	1
2342	Brassieres, girdles, and allied garments	32-2342	AO	AO	1958	12.4	12.9	-4.0	54	35	S	1
235	Hats, caps, and millinery	32-2350	AO	X		16.3	16.7	-2.5	48	54	-	1
2353	Hats, caps, and millinery	32-2353	AO			16.3	16.7	-2.5	48	54	S	1
236	Girls' and children's outerwear	32-2360	AO	AO	1947	57.4	57.0	.7	44	164	-	3
2361	Girls' and children's dresses and blouses	32-2361	AO	AO	1958	23.3	21.8	6.4	34	66	S	2S
2369	Girls' and children's outerwear, nec	32-2369	AO	X		34.1	35.2	-3.2	51	98	S	1
237	Fur goods	32-2370	AO	X		1.7	1.8	-5.9	12	17	-	1
2371	Fur goods	32-2371	AO			1.7	1.8	-5.9	12	17	S	1
238	Miscellaneous apparel and accessories	32-2380	AO	AO	1972	44.8	43.4	3.1	45	205	-	6
2381	Fabric dress and work gloves	32-2381	AO	X		6.9	7.0	-1.4	64	40	S	1
2384	Robes and dressing gowns	32-2384	AO	X		6.0	6.1	-1.7	62	30	S	1
2385	Waterproof outerwear	32-2385	AO	X		5.7	6.8	-19.3	47	24	S	1
2386	Leather and sheep-lined clothing	32-2386	AO	X		3.8	3.5	7.9	39	17	S	1
2387	Apparel belts	32-2387	AO	X		10.0	9.9	1.0	26	41	S	1
2389	Apparel and accessories, nec	32-2389	AO	X		12.4	10.1	18.5	44	53	S	1
239	Miscellaneous fabricated textile products	32-2390	AO	AO	1958	206.9	204.9	1.0	37	757	-	9
2391	Curtains and draperies	32-2391	AO	AO	1972	24.4	24.8	-1.6	42	116	S	1
2392	House furnishings, nec	32-2392	AO	AO	1972	55.4	54.9	.9	48	144	S	2S
2393	Textile bags	32-2393	AO	X		9.2	8.7	5.4	42	53	S	1
2394	Canvas and related products	32-2394	AO	X		17.8	17.5	1.7	24	148	S	1
2395	Pleating and stitching	32-2395	AO	X		14.6	15.3	-4.8	21	54	S	1
2396	Automotive and apparel trimmings	32-2396	AO	AO	1972	48.8	48.2	1.2	32	124	S	2S
2397,9	Other fabricated textile products	32-2399	AO	X		36.7	35.5	3.3	32	118	S	1
26	Paper and allied products	32-2600	AO	AO	1939	695.3	694.1	.2	55	1,880	-	20
261	Pulp mills	32-2610	AO	X		13.8	16.8	-21.7	62	23	-	1
2611	Pulp mills	32-2611	AO			13.8	16.8	-21.7	62	23	S	1

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990					Est. method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Sample			
									Percent coverage	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
262	Paper mills	32-2620	AD	AD	1972	178.0	176.7	.7	74	253	-	1
2621	Paper mills	32-2621	AD			178.0	176.7	.7	74	253	S	1
263	Paperboard mills	32-2630	AD	AD	1958	51.8	51.1	1.4	65	116	-	1
2631	Paperboard mills	32-2631	AD			51.8	51.1	1.4	65	116	S	1
265	Paperboard containers and boxes	32-2650	AD	AD	1947	208.7	208.3	.2	44	881	-	7
2652	Setup paperboard boxes	32-2652	AD	X		8.2	8.4	-2.4	41	76	S	1
2653	Corrugated and solid fiber boxes	32-2653	AD	DO	1958	117.9	118.2	-.3	41	516	S	25
2655	Fiber cans, drums, and similar products	32-2655	AD	X		16.7	16.6	.6	41	81	S	1
2656	Sanitary food containers	32-2656	AD	AD	1988	15.7	14.7	6.4	59	35	S	1
2657	Folding paperboard boxes	32-2657	AD	AD	1988	50.2	50.4	-.4	47	173	S	25
267	Miscellaneous converted paper products	32-2670	AD	AD	1958	243.0	241.2	.7	48	607	-	10
2671	Paper, coated and laminated, packaging	32-2671	AD	X		21.4	19.7	7.9	52	56	S	1
2672	Paper, coated and laminated, nec	32-2672	AD	AD	1988	45.2	43.7	3.3	58	62	S	1
2673	Bags: plastics, laminated, and coated	32-2673	AD	AD	1988	34.7	33.6	3.2	40	89	S	25
2674	Bags: uncoated paper and multiwall	32-2674	AD	X		21.0	20.9	.5	54	59	S	1
2675	Die-cut paper and board	32-2675	AD	X		17.7	17.9	-1.1	28	62	S	25
2676	Sanitary paper products	32-2676	AD	X		32.2	31.9	.9	54	44	S	1
2677	Envelopes	32-2677	AD	DO	1972	27.0	27.3	-1.1	40	72	S	1
2678,9	Stationery and converted paper products, nec	32-2679	AD	X		43.8	46.2	-5.5	46	163	S	1
27	Printing and publishing	32-2700	AD	AD	1939	1,574.9	1,579.7	-.3	34	4,864	-	26
271	Newspapers	32-2710	AD	AD	1947	474.5	475.8	-.3	49	1,282	-	3
2711	Newspapers	32-2711	AD			474.5	475.8	-.3	49	1,282	S	3S
272	Periodicals	32-2720	AD	AD	1947	128.7	131.1	-1.9	32	339	-	3
2721	Periodicals	32-2721	AD	AD	1947	128.7	131.1	-1.9	32	339	S	3S
273	Books	32-2730	AD	AD	1947	123.9	122.6	1.0	37	239	-	3
2731	Book publishing	32-2731	AD	DO	1972	87.1	86.7	.5	38	192	S	2S
2732	Book printing	32-2732	AD	DO	1972	36.8	35.9	2.4	36	47	S	1
274	Miscellaneous publishing	32-2740	AD	AD	1972	82.5	82.9	-.5	23	235	-	2
2741	Miscellaneous publishing	32-2741	AD			82.5	82.9	-.5	23	235	S	2S
275	Commercial printing	32-2750	AD	AD	1958	554.1	552.7	.3	24	2,064	-	6
2752	Commercial printing, lithographic	32-2752	AD	AD	1972	366.3	365.1	.3	23	1,409	S	3S
2754	Commercial printing, gravure	32-2754	AD	X		17.5	15.3	12.6	35	28	S	1
2759	Commercial printing, nec	32-2759	AD	AD	1972	170.3	172.3	-1.2	24	627	S	2S
276	Manifold business forms	32-2760	AD	AD	1972	50.7	49.0	3.4	37	171	-	1
2761	Manifold business forms	32-2761	AD			50.7	49.0	3.4	37	171	S	1
277	Greeting cards	32-2770	AD	X		24.1	25.6	-6.2	90	27	-	1
2771	Greeting cards	32-2771	AD			24.1	25.6	-6.2	90	27	S	1
278	Blankbooks and bookbinding	32-2780	AD	AD	1951	72.3	75.7	-4.7	24	201	-	4
2782	Blankbooks and looseleaf binders	32-2782	AD	X		44.6	47.4	-6.3	22	91	S	2S
2789	Bookbinding and related work	32-2789	AD	X		27.7	28.3	-2.2	26	110	S	2S
279	Printing trade services	32-2790	AD	AD	1972	64.1	64.3	-.3	20	306	-	3
2791	Typesetting	32-2791	AD	X		32.7	34.0	-4.0	16	147	S	1
2796	Platemaking services	32-2796	AD	X		31.4	30.3	3.5	25	159	S	2S

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1978 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990					Est. method	No. type of strats
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Sample: Percent coverage	Sample: Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
28	Chemicals and allied products	32-2800	AO	AO	1939	1,088.2	1,080.9	.7	45	2,268	-	33
281	Industrial inorganic chemicals	32-2810	AO	AO	1972	141.7	134.3	5.2	45	279	-	5
2812	Alkalies and chlorine	32-2812	AO	X		12.3	10.8	12.2	59	27	S	1
2813	Industrial gases	32-2813	AO	X		23.7	23.2	2.1	28	36	S	1
2816	Inorganic pigments	32-2816	AO	X		10.4	10.1	2.9	50	31	S	1
2819	Industrial inorganic chemicals, nec	32-2819	AO	AO	1972	95.3	90.2	5.4	47	185	S	25
282	Plastics materials and synthetics	32-2820	AO	AO	1958	180.6	184.8	-2.3	53	264	-	5
2821	Plastics materials and resins	32-2821	AO	AO	1972	86.1	88.6	-2.9	52	185	S	25
2822	Synthetic rubber	32-2822	AO	X		15.4	15.8	-2.6	66	32	S	1
2823	Cellulosic synthetic fibers	32-2823	AO	X		14.4	13.9	3.5	56	11	S	1
2824	Organic fibers, noncellulosic	32-2824	AO	AO	1972	64.7	66.5	-2.8	50	36	S	1
283	Drugs	32-2830	AO	AO	1947	236.6	237.7	-.5	50	247	-	4
2833	Medicinals and botanicals	32-2833	AO	X		17.9	18.0	-.6	65	16	S	1
2834	Pharmaceutical preparations	32-2834	AO	AO	1958	197.6	197.9	-.2	52	187	S	25
2835,6	Diagnostic and other biological products	32-2836	AO	X		21.1	21.8	-3.3	18	44	S	1
284	Soap, cleaners, and toilet goods	32-2840	AO	AO	1958	158.5	157.1	.9	37	338	-	5
2841	Soap and other detergents	32-2841	AO	AO	1958	41.9	42.7	-1.9	32	82	S	25
2842,3	Polishing, sanitation, and finishing preparations	32-2843	AO	DO	1972	45.5	44.6	2.0	36	166	S	2
2844	Toilet preparations	32-2844	AO	AO	1958	71.1	69.8	1.8	41	90	S	1
285	Paints and allied products	32-2850	AO	AO	1958	61.1	62.3	-2.0	38	289	-	2
2851	Paints and allied products	32-2851	AO			61.1	62.3	-2.0	38	289	S	2
286	Industrial organic chemicals	32-2860	AO	AO	1972	153.6	151.7	1.2	42	257	-	3
2861	Gum and wood chemicals	32-2861	AO	X		4.3	4.3	0	63	25	S	1
2865	Cyclic crudes and intermediates	32-2865	AO	DO	1972	27.3	29.0	-6.2	43	54	S	1
2869	Industrial organic chemicals, nec	32-2869	AO	AO	1972	122.0	118.4	3.0	42	178	S	1
287	Agricultural chemicals	32-2870	AO	AO	1972	56.7	53.8	5.1	62	214	-	5
2873	Nitrogenous fertilizers	32-2873	AO	X		10.1	9.9	2.0	84	35	S	1
2874	Phosphatic fertilizers	32-2874	AO	X		10.8	11.3	-4.6	71	34	S	1
2875	Fertilizers, mixing only	32-2875	AO	X		10.4	10.7	-2.9	28	69	S	1
2879	Agricultural chemicals, nec	32-2879	AO	X		25.4	21.9	13.8	64	76	S	25
289	Miscellaneous chemical products	32-2890	AO	AO	1972	99.4	99.2	.2	35	380	-	4
2891	Adhesives and sealants	32-2891	AO	X		24.7	23.3	5.7	36	115	S	1
2892	Explosives	32-2892	AO	X		15.0	14.4	4.0	71	32	S	1
2893	Printing ink	32-2893	AO	X		15.4	15.2	1.3	17	69	S	1
2895,9	Other chemical preparations	32-2899	AO	X		44.3	46.3	-4.5	28	164	S	1
29	Petroleum and coal products	32-2900	AO	AO	1939	153.5	155.8	-1.5	46	474	-	5
291	Petroleum refining	32-2910	AO	AO	1947	116.5	118.6	-1.8	51	232	-	1
2911	Petroleum refining	32-2911	AO			116.5	118.6	-1.8	51	232	S	1
295	Asphalt paving and roofing materials	32-2950	AO	DO	1972	24.4	25.2	-3.3	28	154	-	3
2951	Asphalt paving mixtures and blocks	32-2951	AO	X		11.0	11.3	-2.7	27	98	S	25
2952	Asphalt felts and coatings	32-2952	AO	X		13.4	13.9	-3.7	29	56	S	1
299	Miscellaneous petroleum and coal products	32-2990	AO	X		12.6	12.0	4.8	36	88	-	1
2992,9	Miscellaneous petroleum and coal products	32-2999	AO			12.6	12.0	4.8	36	88	S	1

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990					Est. method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Sample: Percent coverage	Sample: Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
30	Rubber and miscellaneous plastics products.	32-3000	AO	AO	1939	888.1	865.7	2.5	42	2,566	-	22
301	Tires and inner tubes	32-3010	AO	AO	1939	83.5	82.8	.8	65	69	-	1
3011	Tires and inner tubes	32-3011	AO			83.5	82.8	.8	65	69	S	1
302	Rubber and plastics footwear	32-3020	AO	AO	1972	11.3	11.1	1.8	61	17	-	1
3021	Rubber and plastics footwear	32-3021	AO			11.3	11.1	1.8	61	17	S	1
305	Hose, belting, gaskets, and packing	32-3050	AO	AO	1972	60.3	57.3	5.0	50	171	-	2
3052	Rubber and plastics hose and belting	32-3052	AO	AO	1972	25.4	25.3	.4	51	60	S	1
3053	Gaskets, packing and sealing devices	32-3053	AO	X		34.9	32.0	8.3	50	111	S	1
306	Fabricated rubber products, nec	32-3060	AO	AO	1972	104.8	104.2	.6	54	397	-	4
3061	Mechanical rubber goods	32-3061	AO	X		47.0	47.4	-.9	59	174	S	2S
3069	Fabricated rubber products, nec	32-3069	AO	X		57.8	56.8	1.7	50	223	S	2S
308	Miscellaneous plastics products, nec	32-3080	AO	AO	1958	628.2	610.3	2.8	36	1,912	-	14
3081	Unsupported plastics film and sheet	32-3081	AO	X		54.7	53.8	1.6	43	154	S	2S
3082	Unsupported plastics profile shapes	32-3082	AO	X		28.0	28.9	-3.2	46	109	S	2S
3083	Laminated plastics plate and sheet	32-3083	AO	X		20.2	21.3	-5.4	38	63	S	2S
3084	Plastics pipe	32-3084	AO	X		16.2	15.3	5.6	35	70	S	1
3085	Plastics bottles	32-3085	AO	X		30.5	29.0	4.9	35	95	S	2S
3086	Plastics foam products	32-3086	AO	X		52.1	49.5	5.0	34	150	S	2S
3087	Custom compound purchased resins	32-3087	AO	X		25.4	24.8	2.4	38	95	S	2S
3088,9	Plastics plumbing fixtures and plastic products, nec	32-3089	AO	X		401.1	387.7	3.3	35	1,176	S	2S
31	Leather and leather products	32-3100	AO	AO	1939	135.9	130.0	4.3	54	514	-	12
311	Leather tanning and finishing	32-3110	AO	AO	1947	15.2	15.1	.7	58	93	-	2
3111	Leather tanning and finishing	32-3111	AO			15.2	15.1	.7	58	93	S	2S
313	Footwear cut stock	32-3130	AO	X		6.3	6.2	1.6	48	36	-	1
3131	Footwear cut stock	32-3131	AO	X		6.3	6.2	1.6	48	36	S	1
314	Footwear, except rubber	32-3140	AO	AO	1939	75.6	72.4	4.2	60	181	-	4
3142	House slippers	32-3142	AO	X		4.2	4.1	2.4	83	15	S	1
3143	Men's footwear, except athletic	32-3143	AO	AO	1972	33.9	31.8	6.2	59	67	S	1
3144	Women's footwear, except athletic	32-3144	AO	AO	1972	27.2	26.1	4.0	58	59	S	1
3149	Footwear, except rubber, nec	32-3149	AO	X		10.3	10.4	-1.0	57	40	S	1
315	Leather gloves and mittens	32-3150	AO	X		2.5	2.6	-4.0	60	33	-	1
3151	Leather gloves and mittens	32-3151	AO			2.5	2.6	-4.0	60	33	S	1
316	Luggage	32-3160	AO	AO	1964	11.0	11.1	-.9	55	49	-	1
3161	Luggage	32-3161	AO			11.0	11.1	-.9	55	49	S	1
317	Handbags and personal leather goods	32-3170	AO	AO	1958	15.1	13.9	7.9	32	53	-	2
3171	Women's handbags and purses	32-3171	AO	X		6.0	5.8	3.3	25	24	S	1
3172	Personal leather goods, nec	32-3172	AO	X		9.1	8.1	11.0	36	29	S	1
319	Leather goods, nec	32-3190	AO	X		10.2	8.7	14.7	39	69	-	1
3199	Leather goods, nec	32-3199	AO			10.2	8.7	14.7	39	69	S	1
	Service-producing	39-0000	B	B	1939	84,397	84,613	-.3	33	212,925	-	992
	Private service-producing	39-1000	A	(3)	1939	65,829	66,077	-.4	25	185,388	-	937

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990					Est. method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Sample: Percent coverage	Sample: Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
40-42, 44-49	Transportation and public utilities	40-0000	A	A	1939	5,735	5,750	-.3	41	14,686	-	68
40-42, 44-47	Transportation	41-0000	A	C	1964	3,474	3,544	-2.0	30	9,525	-	43
40	Railroad transportation	41-4000	A	C	1947	278.8	283.5	-1.7	87	30	-	2
401	Railroads	41-4010	A			278.8	283.5	-1.7	87	30	-	2
4011	Class I railroads	41-4011	A	E	1924	240.0	240.0	0	100	17	4 U	1
4013	Other railroads and switching and terminal services	41-4013	A	X		38.8	43.5	-12.1	3	13	P	1
41	Local and interurban passenger transit	41-4100	A	A	1958	349.6	346.5	.9	23	1,126	-	10
411	Local and suburban transportation	41-4110	A	A	1972	136.1	133.4	2.0	24	407	-	2
4111,9	Local and suburban transportation	41-4119	A			136.1	133.4	2.0	24	407	S	2S
412	Taxicabs	41-4120	A	B	1958	33.1	33.7	-1.8	25	161	-	2
4121	Taxicabs	41-4121	A			33.1	33.7	-1.8	25	161	S	2S
413	Intercity and rural bus transportation	41-4130	A	A	1947	26.1	19.4	25.7	46	120	-	2
4131	Intercity and rural bus transportation	41-4131	A			26.1	19.4	25.7	46	120	S	2S
415	School buses	41-4150	A	B	1972	126.5	131.3	-3.8	16	304	-	2
4151	School buses	41-4151	A			126.5	131.3	-3.8	16	304	S	2S
414,7	Bus charter service, and bus terminal and service facilities	41-4170	A	X		27.8	28.7	-3.2	21	134	-	2
4141,2,73	Bus charter service, and bus terminal and service facilities	41-4173	A			27.8	28.7	-3.2	21	134	S	2S
42	Trucking and warehousing	41-4200	A	A	1947	1,590.7	1,609.0	-1.2	19	4,986	-	8
421	Trucking and courier services, except air	41-4210	A	A	1964	1,472.5	1,489.6	-1.2	19	4,343	-	3
4212,3,4,5	Trucking and courier services, except air	41-4215	A			1,472.5	1,489.6	-1.2	19	4,343	S	3S
422	Public warehousing and storage	41-4220	A	A	1958	114.2	115.7	-1.3	19	620	-	4
4225	General warehousing and storage	41-4225	A	X		64.8	64.3	.8	15	268	S	2S
4221,2,6	Warehousing and storage, nec	41-4226	A	X		49.4	51.4	-4.0	25	352	S	2S
423	Trucking terminal facilities	41-4230	A	X		4.0	3.7	7.5	18	23	-	1
4231	Trucking terminal facilities	41-4231	A			4.0	3.7	7.5	18	23	S	1
44	Water transportation	41-4400	A	B	1964	169.7	168.5	.7	26	665	-	9
441,2,3	Deep sea and Great Lakes freight transportation	41-4430	A	X		31.8	30.2	5.0	19	77	-	1
4412,24,32	Deep sea and Great Lakes freight transportation	41-4432	A			31.8	30.2	5.0	19	77	S	1
444	Water transportation of freight, nec	41-4440	A	C	1988	15.3	13.6	11.1	18	44	-	1
4449	Water transportation of freight,nec	41-4449	A			15.3	13.6	11.1	18	44	S	1
448	Water transportation of passengers	41-4480	A	X		14.6	14.8	-1.4	11	47	-	1
4481,2,9	Water transportation of passengers	41-4489	A			14.6	14.8	-1.4	11	47	S	1

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990					Est. method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Sample			
									Percent coverage	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
449	Water transportation services	41-4490	A	D	1988	108.8	109.9	-1.8	31	497	-	6
4491	Marine cargo handling	41-4491	A	X		54.4	57.1	-5.0	42	179	S	35
4493	Marinas	41-4493	A	X		17.4	16.6	4.6	13	144	S	1
4492,9	Towing, tugboat, and water transportation services, nec	41-4499	A	X		36.2	36.2	0	22	174	S	25
45	Transportation by air	41-4500	A	B	1958	723.4	764.0	-5.6	43	1,083	-	7
451	Air transportation, scheduled	41-4510	A	B	1988	598.8	632.2	-5.6	48	687	-	5
4512	Air transportation, scheduled	41-4512	A	X		506.9	540.5	-6.6	54	446	S	35
4513	Air courier services	41-4513	A	X		91.9	91.7	.2	13	241	S	25
452	Air transportation, nonscheduled	41-4520	A	X		26.0	28.3	-8.8	10	82	-	1
4522	Air transportation, nonscheduled	41-4522	A			26.0	28.3	-8.8	10	82	S	1
458	Airports, flying fields, and services	41-4580	A	B	1982	98.6	103.5	-5.0	23	314	-	1
4581	Airports, flying fields, and services	41-4581	A			98.6	103.5	-5.0	23	314	S	1
46	Pipelines, except natural gas	41-4600	A	A	1956	18.0	19.2	-6.7	42	211	-	1
461	Pipelines, except natural gas	41-4610	A			18.0	19.2	-6.7	42	211	-	1
4612,3,9	Crude and refined petroleum, and pipelines, nec	41-4619	A			18.0	19.2	-6.7	42	211	S	1
47	Transportation services	41-4700	A	B	1964	344.2	353.0	-2.6	13	1,424	-	6
472	Passenger transportation arrangement	41-4720	A	A	1988	187.9	192.4	-2.4	11	858	-	3
4724	Travel agencies	41-4724	A	A	1988	149.7	148.9	.5	9	718	S	1
4725	Tour operators	41-4725	A	X		23.2	25.3	-9.1	15	67	S	1
4729	Passenger transport arrangement, nec	41-4729	A	X		15.0	18.2	-21.3	15	75	S	1
473	Freight transportation arrangement	41-4730	A	A	1988	130.2	132.2	-1.5	15	443	-	1
4731	Freight transportation arrangement	41-4731	A			130.2	132.2	-1.5	15	443	S	1
474	Rental of railroad cars	41-4740	A	X		5.7	7.3	-28.1	12	15	-	1
4741	Rental of railroad cars	41-4741	A			5.7	7.3	-28.1	12	15	S	1
478	Miscellaneous transportation services	41-4780	A	X		20.4	21.1	-3.4	20	108	-	1
4783,5,9	Miscellaneous transportation services	41-4789	A			20.4	21.1	-3.4	20	108	S	1
48,49	Communications and public utilities	42-0000	A	B	1964	2,261	2,206	2.4	59	5,161	-	25
48	Communications	42-4800	A	A	1958	1,309.6	1,273.9	2.7	53	2,491	-	12
481	Telephone communications	42-4810	A	A	1947	909.5	878.5	3.4	66	1,076	-	3
4812	Radiotelephone communications	42-4812	A	X		36.9	29.1	21.1	14	68	S	1
4813	Telephone communications, except radio	42-4813	A	X		872.6	849.4	2.7	68	1,008	S	25
482	Telegraph and other communications	42-4820	A	X		12.0	11.5	4.2	47	32	-	1
4822	Telegraph and other communications	42-4822	A			12.0	11.5	4.2	47	32	S	1
483	Radio and television broadcasting	42-4830	A	A	1958	235.8	233.9	.8	21	987	-	5
4832	Radio broadcasting stations	42-4832	A	B	1982	120.0	121.0	-.8	14	685	S	35
4833	Television broadcasting stations	42-4833	A	B	1982	115.8	112.9	2.5	28	302	S	25
484	Cable and other pay television services	42-4840	A	A	1988	127.0	125.8	.9	24	358	-	2
4841	Cable and other pay television services	42-4841	A			127.0	125.8	.9	24	358	S	25
489	Communications services, nec	42-4890	A	X		25.3	24.2	4.3	25	38	-	1
4899	Communications services, nec	42-4899	A			25.3	24.2	4.3	25	38	S	1

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990			Sample		Est method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Percent coverage	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
49	Electric, gas, and sanitary services	42-4900	A	A	1964	951.3	932.5	2.0	68	2,670	-	13
491	Electric services	42-4910	A	A	1947	455.8	441.9	3.0	77	1,233	-	2
4911	Electric services	42-4911	A			455.8	441.9	3.0	77	1,233	S	25
492	Gas production and distribution	42-4920	A	A	1950	162.2	165.2	-1.8	63	513	-	3
4922,3,4,5	Gas production and distribution	42-4925	A			162.2	165.2	-1.8	63	513	S	35
493	Combination utility services	42-4930	A	A	1950	191.0	190.9	.1	85	227	-	2
4931,2,9	Combination utility services	42-4939	A			191.0	190.9	.1	85	227	S	25
494	Water supply	42-4940	A	X		25.2	25.4	-.8	44	285	-	3
4941	Water supply	42-4941	A			25.2	25.4	-.8	44	285	S	35
495	Sanitary services	42-4950	A	A	1972	112.5	105.3	6.4	18	366	-	2
4952,3,9	Sanitary services	42-4959	A			112.5	105.3	6.4	18	366	S	25
496,7	Steam and air-conditioning supply, and irrigation systems	42-4970	A	X		4.6	3.8	17.4	28	46	-	1
4961,71	Steam and air-conditioning supply, and irrigation systems	42-4971	A			4.6	3.8	17.4	28	46	S	1
50-59	Wholesale and retail trade	50-0000	A	(3)	1939	25,469	25,687	-.9	21	82,360	-	444
50-51	Wholesale trade	51-0000	A	A	1939	6,167	6,326	-2.6	19	25,029	-	217
50	Durable goods	52-5000	A	A	1972	3,628	3,765	-3.8	18	14,812	-	115
501	Motor vehicles, parts, and supplies	52-5010	A	A	1972	459.3	449.9	2.0	18	2,072	-	13
5012	Automobiles and other motor vehicles	52-5012	A	B	1982	120.9	121.9	-.8	21	478	S	45
5013	Motor vehicle supplies and new parts	52-5013	A	B	1982	268.2	259.5	3.2	18	1,253	S	45
5014	Tires and tubes	52-5014	A	X		30.6	30.5	.3	15	131	S	25
5015	Motor vehicle parts, used	52-5015	A	X		39.6	38.0	4.0	10	210	S	35
502	Furniture and home furnishings	52-5020	A	A	1972	152.8	153.9	-.7	13	620	-	7
5021	Furniture	52-5021	A	B	1982	71.1	70.2	1.3	13	314	S	35
5023	Home furnishings	52-5023	A	B	1982	81.7	83.7	-2.4	13	306	S	45
503	Lumber and other construction materials	52-5030	A	A	1972	228.1	236.4	-3.6	16	1,178	-	12
5031	Lumber, plywood, and millwork	52-5031	A	B	1982	119.6	124.0	-3.7	19	584	S	45
5032	Brick, stone, and related materials	52-5032	A	X		39.0	36.8	5.6	11	218	S	35
5033	Roofing, siding, and insulation	52-5033	A	X		27.4	27.5	-.4	11	142	S	25
5039	Construction materials, nec	52-5039	A	B	1988	42.1	48.1	-14.3	16	234	S	35
504	Professional and commercial equipment	52-5040	A	A	1988	780.7	796.6	-2.0	26	1,852	-	21
5043	Photographic equipment and supplies	52-5043	A	X		31.3	31.4	-.3	20	95	S	25
5044	Office equipment	52-5044	A	X		201.1	206.2	-2.5	24	503	S	45
5045	Computers, peripherals and software	52-5045	A	B	1988	310.3	313.8	-1.1	40	571	S	55
5046	Commercial equipment, nec	52-5046	A	X		52.0	51.8	.4	9	186	S	35
5047	Medical and hospital equipment	52-5047	A	X		129.6	129.1	.4	9	307	S	35
5048	Ophthalmic goods	52-5048	A	X		20.5	22.1	-7.8	18	70	S	25
5049	Professional equipment, nec	52-5049	A	X		35.9	42.2	-17.5	15	120	S	25

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990			Sample		Est method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Percent coverage	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
505	Metals and minerals, except petroleum	52-5050	A	A	1972	141.9	143.5	-1.1	17	669	-	4
5051,2	Metals and minerals, except petroleum	52-5052	A			141.9	143.5	-1.1	17	669	S	45
506	Electrical goods	52-5060	A	A	1958	496.5	541.1	-9.0	15	1,729	-	12
5063	Electrical apparatus and equipment	52-5063	A	B	1988	203.0	208.5	-2.7	15	869	S	45
5064	Electrical appliances, television and radio sets	52-5064	A	B	1982	63.4	70.4	-11.0	19	233	S	45
	Electronic parts and equipment	52-5065	A	B	1988	230.1	262.2	-14.0	13	627	S	45
5065	Hardware, plumbing, and heating equipment	52-5070	A	A	1972	281.3	284.4	-1.1	16	1,454	-	12
507	Hardware	52-5072	A	B	1982	96.8	96.3	.5	19	448	S	45
5072	Plumbing and hydronic heating supplies	52-5074	A	B	1982	118.4	119.6	-1.0	15	690	S	35
5074	Warm air heating and air-conditioning	52-5075	A	X		52.6	53.4	-1.5	13	235	S	35
5075	Refrigeration equipment and supplies	52-5078	A	X		13.5	15.1	-11.9	17	81	S	25
5078	Machinery, equipment, and supplies	52-5080	A	A	1982	796.3	854.8	-7.3	16	4,039	-	20
508	Construction and mining machinery	52-5082	A	B	1982	84.8	87.0	-2.6	29	426	S	45
5082	Farm and garden machinery	52-5083	A	B	1982	116.6	119.0	-2.1	18	1,047	S	35
5083	Industrial machinery and equipment	52-5084	A	B	1982	328.8	364.5	-10.9	13	1,353	S	45
5084	Industrial supplies	52-5085	A	B	1982	144.8	152.2	-5.1	18	793	S	45
5085	Service establishment equipment	52-5087	A	X		82.1	89.9	-9.5	9	282	S	35
5087	Transportation equipment and supplies	52-5088	A	X		39.2	42.2	-7.7	15	138	S	25
5088	Misc. wholesale trade durable goods	52-5090	A	A	1988	290.9	304.0	-4.5	13	1,199	-	14
509	Sporting and recreational goods	52-5091	A	X		42.8	44.4	-3.7	13	178	S	25
5091	Toys and hobby goods and supplies	52-5092	A	X		24.2	21.5	11.2	10	77	S	25
5092	Scrap and waste materials	52-5093	A	B	1982	107.2	111.9	-4.4	18	592	S	35
5093	Jewelry and precious stones	52-5094	A	X		48.8	48.0	1.6	7	131	S	35
5094	Wholesale trade durable goods, nec	52-5099	A	X		67.9	78.2	-15.2	13	221	S	45
5099	Nondurable goods	53-5100	A	A	1972	2,539	2,561	-.9	20	10,217	-	102
51	Paper and paper products	53-5110	A	A	1972	240.8	232.3	3.5	18	825	-	10
511	Printing and writing paper	53-5111	A	X		25.7	25.4	1.2	21	101	S	25
5111	Stationery and office supplies	53-5112	A	X		127.8	115.5	9.6	15	345	S	45
5112	Industry and personal service paper	53-5113	A	X		87.3	91.4	-4.7	21	379	S	45
5113	Drugs, proprietaries, and sundries	53-5120	A	A	1972	187.0	187.9	-.5	17	487	-	5
512	Drugs, proprietaries, and sundries	53-5122	A			187.0	187.9	-.5	17	487	S	55
5122	Apparel, piece goods, and notions	53-5130	A	A	1958	203.4	212.1	-4.3	13	605	-	11
513	Piece goods and notions	53-5131	A	X		52.1	56.7	-8.8	15	225	S	45
5131	Men's and boys' clothing	53-5136	A	X		44.0	45.6	-3.6	11	143	S	25
5136	Women's and children's clothing	53-5137	A	X		85.9	87.6	-2.0	12	189	S	35
5137	Footwear	53-5139	A	X		21.4	22.2	-3.7	14	48	S	25
5139	Groceries and related products	53-5140	A	A	1958	834.7	836.0	-.2	23	2,875	-	28
514	Groceries, general line	53-5141	A	B	1982	268.5	271.8	-1.2	32	642	S	55
5141	Packaged frozen foods	53-5142	A	X		33.9	32.0	5.6	21	102	S	25
5142	Dairy products, except dried or canned	53-5143	A	X		49.6	48.8	1.6	17	242	S	35
5143	Poultry and poultry products	53-5144	A	X		20.4	21.9	-7.4	23	113	S	25
5144	Confectionery	53-5145	A	X		48.2	48.9	-1.5	15	175	S	35
5145	Fish and seafoods	53-5146	A	X		31.4	28.7	8.6	11	109	S	25
5146	Meats and meat products	53-5147	A	B	1982	61.1	62.8	-2.8	18	307	S	35
5147												

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990			Sample		Est. method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Percent coverage	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
5148	Fresh fruits and vegetables	53-5148	A	B	1982	95.8	96.4	-.6	25	483	S	4S
5149	Groceries and related products, nec	53-5149	A	X		225.8	224.7	.5	16	702	S	4S
515	Farm-product raw materials	53-5150	A	X		118.1	118.7	-.5	24	986	-	9
5153	Grain and field beans	53-5153	A	X		65.5	65.8	-.5	22	568	S	3S
5154	Livestock	53-5154	A	X		35.3	34.2	3.1	20	255	S	3S
5159	Farm-product raw materials, nec	53-5159	A	X		17.3	18.7	-8.1	40	163	S	3S
516	Chemicals and allied products	53-5160	A	A	1972	136.3	129.0	5.4	13	483	-	5
5162	Plastics materials and basic shapes	53-5162	A	X		24.9	23.7	4.8	10	85	S	2S
5169	Chemicals and allied products, nec	53-5169	A	X		111.4	105.3	5.5	14	398	S	3S
517	Petroleum and petroleum products	53-5170	A	A	1972	195.8	210.3	-7.4	24	1,190	-	9
5171	Petroleum bulk stations and terminals	53-5171	A	B	1982	81.3	92.4	-13.7	29	537	S	5S
5172	Petroleum products, nec	53-5172	A	B	1982	114.5	117.9	-3.0	20	653	S	4S
518	Beer, wine, and distilled beverages	53-5180	A	A	1972	146.7	150.1	-2.3	29	800	-	7
5181	Beer and ale	53-5181	A	B	1982	92.5	95.3	-3.0	30	594	S	4S
5182	Wine and distilled beverages	53-5182	A	B	1982	54.2	54.8	-1.1	27	206	S	3S
519	Miscellaneous wholesale trade nondurable goods	53-5190	A	A	1972	476.0	484.3	-1.7	16	1,966	-	18
5191	Farm supplies	53-5191	A	B	1982	152.8	161.4	-5.6	18	996	S	4S
5192	Books, periodicals, and newspapers	53-5192	A	X		69.8	68.7	1.6	21	191	S	3S
5193	Flowers and florists' supplies	53-5193	A	X		49.7	44.6	10.3	14	153	S	2S
5194	Tobacco and tobacco products	53-5194	A	X		46.1	46.7	-1.3	24	229	S	2S
5198	Paints, varnishes, and supplies	53-5198	A	X		30.1	30.1	0	10	108	S	3S
5199	Wholesale trade nondurable goods, nec	53-5199	A	X		127.5	132.8	-4.2	9	289	S	4S
52-59	Retail trade	60-0000	A	A	1939	19,302	19,361	-.3	22	57,331	-	22?
52	Building materials and garden supplies	60-5200	A	A	1972	760.7	778.9	-2.4	20	4,494	-	18
521	Lumber and other building materials	60-5210	A	A	1972	426.8	433.7	-1.6	24	2,459	-	5
5211	Lumber and other building materials	60-5211	A			426.8	433.7	-1.6	24	2,459	S	5S
523	Paint, glass, and wallpaper stores	60-5230	A	X		71.0	73.2	-3.1	13	404	-	3
5231	Paint, glass, and wallpaper stores	60-5231	A			71.0	73.2	-3.1	13	404	S	3S
525	Hardware stores	60-5250	A	A	1972	157.7	165.7	-5.1	17	1,071	-	4
5251	Hardware stores	60-5251	A			157.7	165.7	-5.1	17	1,071	S	4S
526	Retail nurseries and garden stores	60-5260	A	X		79.1	79.5	-.5	12	406	-	3
5261	Retail nurseries and garden stores	60-5261	A			79.1	79.5	-.5	12	406	S	3S
527	Mobile home dealers	60-5270	A	X		26.1	26.8	-2.7	10	154	-	3
5271	Mobile home dealers	60-5271	A			26.1	26.8	-2.7	10	154	S	3S
53	General merchandise stores	60-5300	A	A	1972	2,439.3	2,404.3	1.4	55	7,866	-	12
531	Department stores	60-5310	A	A	1958	2,062.0	1,990.3	3.5	60	6,203	-	3
5311	Department stores	60-5311	A			2,062.0	1,990.3	3.5	60	6,203	S	3S
533	Variety stores	60-5330	A	A	1958	166.7	210.4	-26.2	32	697	-	5
5331	Variety stores	60-5331	A			166.7	210.4	-26.2	32	697	S	5S
539	Miscellaneous general merchandise stores	60-5390	A	A	1988	210.6	203.6	3.3	20	966	-	4
5399	Miscellaneous general merchandise stores	60-5399	A			210.6	203.6	3.3	20	966	S	4S

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990					Est. method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Sample			
									Percent coverage	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
54	Food stores	60-5400	A	A	1958	3,169.2	3,234.2	-2.1	30	6,621	-	36
541	Grocery stores	60-5410	A	A	1972	2,840.6	2,872.1	-1.1	32	5,482	-	20
5411	Grocery stores	60-5411	A			2,840.6	2,872.1	-1.1	32	5,482	S	20RS
542	Meat and fish markets	60-5420	A	B	1972	50.1	55.9	-11.6	8	203	-	3
5421	Meat and fish markets	60-5421	A			50.1	55.9	-11.6	8	203	S	3S
543	Fruit and vegetable markets	60-5430	A	X		21.4	24.4	-14.0	15	89	-	2
5431	Fruit and vegetable markets	60-5431	A			21.4	24.4	-14.0	15	89	S	2S
544	Candy, nut, and confectionery stores	60-5440	A	X		30.4	38.3	-26.0	11	119	-	3
5441	Candy, nut, and confectionery stores	60-5441	A			30.4	38.3	-26.0	11	119	S	3S
545	Dairy products stores	60-5450	A	B	1982	21.9	22.6	-3.2	13	76	-	3
5451	Dairy products stores	60-5451	A			21.9	22.6	-3.2	13	76	S	3S
546	Retail bakeries	60-5460	A	A	1972	162.7	176.1	-8.2	8	547	-	3
5461	Retail bakeries	60-5461	A			162.7	176.1	-8.2	8	547	S	3S
549	Miscellaneous food stores	60-5490	A	X		42.1	44.8	-6.4	5	105	-	2
5499	Miscellaneous food stores	60-5499	A			42.1	44.8	-6.4	5	105	S	2S
55	Automotive dealers and service stations	60-5500	A	A	1958	2,062.1	2,097.9	-1.7	17	9,126	-	34
551	New and used car dealers	60-5510	A	A	1972	930.9	940.0	-1.0	24	4,627	-	4
5511	New and used car dealers	60-5511	A			930.9	940.0	-1.0	24	4,627	S	4S
552	Used car dealers	60-5520	A	X		61.4	68.0	-10.7	4	232	-	2
5521	Used car dealers	60-5521	A			61.4	68.0	-10.7	4	232	S	2S
553	Auto and home supply stores	60-5530	A	A	1972	332.9	350.2	-5.2	13	1,580	-	14
5531	Auto and home supply stores	60-5531	A			332.9	350.2	-5.2	13	1,580	S	14RS
554	Gasoline service stations	60-5540	A	A	1958	645.1	635.8	1.4	12	2,128	-	5
5541	Gasoline service stations	60-5541	A			645.1	635.8	1.4	12	2,128	S	5S
555	Boat dealers	60-5550	A	X		37.0	38.9	-5.1	10	214	-	3
5551	Boat dealers	60-5551	A			37.0	38.9	-5.1	10	214	S	3S
556	Recreational vehicle dealers	60-5560	A	X		21.4	26.0	-21.5	11	106	-	2
5561	Recreational vehicle dealers	60-5561	A			21.4	26.0	-21.5	11	106	S	2S
557	Motorcycle dealers	60-5570	A	X		24.2	25.8	-6.6	8	170	-	3
5571	Motorcycle dealers	60-5571	A			24.2	25.8	-6.6	8	170	S	3S
559	Automotive dealers, nec	60-5590	A	A	1988	9.2	13.2	-43.5	22	69	-	1
5599	Automotive dealers, nec	60-5599	A			9.2	13.2	-43.5	22	69	S	1
56	Apparel and accessory stores	60-5600	A	A	1947	1,167.0	1,135.7	2.7	15	3,905	-	26
561	Men's and boys' clothing stores	60-5610	A	A	1958	100.4	102.8	-2.4	13	478	-	4
5611	Men's and boys' clothing stores	60-5611	A			100.4	102.8	-2.4	13	478	S	4S
562	Women's clothing stores	60-5620	A	A	1958	406.9	396.2	2.6	11	1,135	-	5
5621	Women's clothing stores	60-5621	A			406.9	396.2	2.6	11	1,135	S	5S
563	Women's accessory and specialty stores	60-5630	A	X		51.6	45.4	12.0	6	164	-	2
5632	Women's accessory and specialty stores	60-5632	A			51.6	45.4	12.0	6	164	S	2S
564	Children's and infants' wear stores	60-5640	A	X		33.6	32.7	2.7	11	141	-	3
5641	Children's and infants' wear stores	60-5641	A			33.6	32.7	2.7	11	141	S	3S
565	Family clothing stores	60-5650	A	A	1958	281.4	264.5	6.0	28	999	-	5
5651	Family clothing stores	60-5651	A			281.4	264.5	6.0	28	999	S	5S

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employ

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990					Est method	No. and type of strata
			Produced	Published		Bench mark employment	Estimated employment	Per cent error	Sample			
									Percent coverage	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
566	Shoe stores	60-5660	A	A	1958	220.9	223.9	-1.4	10	756	-	4
5661	Shoe stores	60-5661	A			220.9	223.9	-1.4	10	756	S	4S
569	Miscellaneous apparel and accessory stores	60-5690 1	A	X		72.2	70.2	2.8	5	232	-	3
5699	Miscellaneous apparel and accessory stores	60-5699	A			72.2	70.2	2.8	5	232	S	3S
57	Furniture and home furnishings stores	60-5700	A	A	1951	824.2	830.8	-.8	13	3,470	-	24
571	Furniture and home furnishings stores	60-5710	A	A	1958	462.3	472.1	-2.1	12	2,151	-	10
5712	Furniture stores	60-5712	A	B	1982	282.7	288.7	-2.1	14	1,427	S	4S
5713	Floor covering stores	60-5713	A	X		79.4	80.3	-.8	9	364	S	3S
5714,9	Drapery, upholstery, and miscellaneous home furnishings	60-5719	A	X		100.2	103.4	-3.2	10	360	S	3S
572	Household appliance stores	60-5720	A	A	1972	84.0	80.7	3.9	16	580	-	4
5722	Household appliance stores	60-5722	A			84.0	80.7	3.9	16	580	S	4S
573	Radio, television, and computer stores	60-5730	A	A	1972	277.9	278.0	(5)	12	739	-	10
5731	Radio, television, and electronic stores	60-5731	A	A	1988	114.2	122.0	-6.8	13	319	S	3S
5734	Computer and software stores	60-5734	A	X		74.2	70.0	5.7	8	152	S	2S
5735	Record and prerecorded tape stores	60-5735	A	A	1988	62.6	59.2	5.4	13	100	S	2S
5736	Musical instrument stores	60-5736	A	X		26.9	26.8	.4	13	168	S	3S
58	Eating and drinking places	60-5800	A	A	1958	6,422.6	6,414.5	.1	13	13,031	P 1	5
581	Eating and drinking places	60-5810	A			6,422.6	6,414.5	.1	13	13,031	P	5
5812,3	Eating and drinking places	60-5813	A			6,422.6	6,414.5	.1	13	13,031	P	5S
59	Miscellaneous retail establishments	60-5900	A	A	1972	2,457.1	2,464.4	-.3	15	8,818	-	72
591	Drug stores and proprietary stores	60-5910	A	A	1951	622.6	616.8	.9	21	2,296	-	17
5912	Drug stores and proprietary stores	60-5912	A			622.6	616.8	.9	21	2,296	S	17RS
592	Liquor stores	60-5920	A	B	1972	118.0	121.3	-2.8	5	511	-	3
5921	Liquor stores	60-5921	A			118.0	121.3	-2.8	5	511	S	3S
593	Used merchandise stores	60-5930	A	X		66.4	67.5	-1.7	13	217	-	3
5932	Used merchandise stores	60-5932	A			66.4	67.5	-1.7	13	217	S	3S
594	Miscellaneous shopping goods stores	60-5940	A	A	1972	841.9	862.9	-2.5	12	2,685	-	25
5941	Sporting goods and bicycle shops	60-5941	A	B	1982	153.2	162.7	-6.2	14	500	S	3S
5942	Book stores	60-5942	A	B	1982	91.8	93.5	-1.9	16	291	S	3S
5943	Stationery stores	60-5943	A	B	1982	79.8	83.9	-5.1	13	323	S	3S
5944	Jewelry stores	60-5944	A	B	1982	145.4	153.9	-5.8	9	510	S	4S
5945	Hobby, toy, and game shops	60-5945	A	X		90.9	88.2	3.0	18	283	S	2S
5947	Gift, novelty, and souvenir shops	60-5947	A	B	1982	174.9	171.9	1.7	8	467	S	3S
5946,8	Camera, luggage, and leather goods stores	60-5948	A	X		41.0	45.2	-10.2	9	137	S	3S
5949	Sewing, needlework, and piece goods	60-5949	A	B	1982	64.9	63.6	2.0	17	174	S	4S
596	Nonstore retailers	60-5960	A	A	1972	291.1	269.5	7.4	22	999	-	13
5961	Catalog and mail-order houses	60-5961	A	B	1982	155.1	136.0	12.3	27	485	S	5S
5962	Merchandising machine operators	60-5962	A	B	1982	82.5	84.2	-2.1	16	240	S	4S
5963	Direct selling establishments	60-5963	A	X		53.5	49.3	7.9	18	274	S	4S
598	Fuel dealers	60-5980	A	A	1958	110.4	116.0	-5.1	19	817	-	3
5983,4,9	Fuel dealers	60-5989	A			110.4	116.0	-5.1	19	817	S	3S

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990					Est. method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Sample: Percent coverage	Sample: Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
599	Retail stores, nec	60-5990	A	A	1972	406.7	410.4	-.9	6	1,293	-	8
5992,3,4	Florists, tobacco stores, and newsstands	60-5994	A	X		148.5	150.8	-1.5	7	537	S	3S
5995	Optical goods stores	60-5995	A	X		60.1	57.1	5.0	7	158	S	2RS
5999	Miscellaneous retail stores, nec	60-5999	A	X		198.1	202.5	-2.2	6	598	S	3S
60-65,67	Finance, insurance, and real estate	70-0000	A	A	1939	6,681	6,774	-1.4	32	21,395	-	70
60-62,67	Finance	71-0000	A	B	1972	3,285	3,326	-1.2	37	10,315	-	45
60	Depository institutions	71-6000	A	A	1988	2,268.4	2,293.0	-1.1	45	7,470	-	19
601	Central reserve depositories	71-6010	A	X		26.7	28.2	-5.6	61	38	-	1
6011,9	Federal and central reserve depositories	71-6019	A			26.7	28.2	-5.6	61	38	S	1
602	Commercial banks	71-6020	A	A	1972	1,565.5	1,553.8	.7	47	4,474	-	4
6022	State commercial banks	71-6022	A	B	1988	666.6	667.3	-.1	41	2,506	S	2S
6021,9	National and commercial banks, nec	71-6029	A	X		898.9	886.5	1.4	51	1,968	S	2S
603	Savings institutions	71-6030	A	B	1988	457.2	475.2	-3.9	44	1,690	-	7
6035	Federal savings institutions	71-6035	A	B	1982	239.5	236.8	1.1	43	745	S	4S
6036	Savings institutions, except federal	71-6036	A	B	1988	217.7	238.4	-9.5	45	945	S	3S
606	Credit unions	71-6060	A	A	1988	133.0	133.9	-.7	27	1,101	-	3
6061,2	Credit unions	71-6062	A			133.0	133.9	-.7	27	1,101	S	3S
608	Foreign banks and branches and agencies	71-6080	A	X		28.1	34.4	-22.4	20	64	-	2
6081,2	Foreign banks and branches and agencies	71-6082	A			28.1	34.4	-22.4	20	64	S	2S
609	Functions closely related to banking	71-6090	A	X		57.9	67.5	-16.6	40	103	-	2
6091,9	Functions closely related to banking	71-6099	A			57.9	67.5	-16.6	40	103	S	2S
61	Nondepository institutions	71-6100	A	A	1988	374.1	373.2	.2	23	1,237	-	12
611	Federal and federally sponsored credit agencies	71-6110	A	X		11.1	9.5	14.4	21	36	-	1
6111	Federal and federally sponsored credit agencies	71-6111	A			11.1	9.5	14.4	21	36	S	1
614	Personal credit institutions	71-6140	A	A	1988	126.8	131.2	-3.5	25	556	-	3
6141	Personal credit institutions	71-6141	A			126.8	131.2	-3.5	25	556	S	3S
615	Business credit institutions	71-6150	A	B	1972	79.3	81.4	-2.6	28	259	-	4
6153	Short-term business credit	71-6153	A	X		44.1	46.1	-4.5	36	73	S	1
6159	Misc. business credit institutions	71-6159	A	X		35.2	35.3	-.3	19	186	S	3S
616	Mortgage bankers and brokers	71-6160	A	B	1982	156.9	151.1	3.7	18	386	-	4
6162,3	Mortgage bankers and brokers	71-6163	A			156.9	151.1	3.7	18	386	S	4S
62	Security and commodity brokers	71-6200	A	B	1947	426.4	425.0	.3	19	897	-	9
621	Security brokers and dealers	71-6210	A	B	1972	326.0	323.4	.8	19	643	-	4
6211	Security brokers and dealers	71-6211	A			326.0	323.4	.8	19	643	S	4S
622,3	Commodity contracts brokers, dealers, and exchanges	71-6230	A	B	1988	25.1	26.2	-4.4	21	67	-	2
6221,31	Commodity contracts brokers, dealers, and exchanges	71-6231	A			25.1	26.2	-4.4	21	67	S	2S

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990					Est method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Sample: Percent coverage	Sample: Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
628	Security and commodity services	71-6280	A	A	1988	75.3	75.4	-.1	18	187	-	3
6282	Investment advice	71-6282	A	X		48.7	47.8	1.8	7	145	S	25
6289	Security and commodity services, nec	71-6289	A	X		26.6	27.6	-3.8	38	42	S	1
67	Holding and other investment offices	71-6700	A	B	1972	216.4	234.4	-8.3	20	711	-	5
671	Holding offices	71-6710	A	X		110.4	109.3	1.0	24	295	-	3
6712	Bank holding companies	71-6712	A	X		28.0	27.4	2.1	26	66	S	1
6719	Holding companies, nec	71-6719	A	X		82.4	81.9	.6	23	229	S	25
673	Trusts	71-6730	A	X		64.6	84.7	-31.1	12	187	-	1
6732,3	Trusts	71-6733	A			64.6	84.7	-31.1	12	187	S	1
672,9	Investment offices and misc. investing	71-6790	A	X		41.4	40.4	2.4	22	229	-	1
6722,6; 6792,4,8,9	Investment offices and misc. investing	71-6799	A			41.4	40.4	2.4	22	229	S	1
63,64	Insurance	72-0000	A	B	1972	2,108	2,133	-1.2	36	6,379	-	14
63	Insurance carriers	72-6300	A	A	1958	1,445.6	1,475.3	-2.1	46	3,507	-	11
631	Life insurance	72-6310	A	A	1958	538.6	561.2	-4.2	37	987	-	2
6311	Life insurance	72-6311	A			538.6	561.2	-4.2	37	987	S	25
632	Medical service and health insurance	72-6320	A	A	1958	237.1	240.8	-1.6	59	304	-	4
6321	Accident and health insurance	72-6321	A	X		55.2	56.4	-2.2	48	141	S	25
6324	Hospital and medical service plans	72-6324	A	X		181.9	184.4	-1.4	62	163	S	25
633	Fire, marine, and casualty insurance	72-6330	A	A	1958	554.0	554.0	0	54	1,743	-	2
6331	Fire, marine, and casualty insurance	72-6331	A			554.0	554.0	0	54	1,743	S	25
636	Title insurance	72-6360	A	B	1982	62.9	66.5	-5.7	26	223	-	1
6361	Title insurance	72-6361	A			62.9	66.5	-5.7	26	223	S	1
637	Pension, health, and welfare funds	72-6370	A	X		37.5	37.7	-.5	28	196	-	1
6371	Pension, health, and welfare funds	72-6371	A			37.5	37.7	-.5	28	196	S	1
635,9	Surety insurance and insurance carriers, nec	72-6390	A	X		15.5	15.1	2.6	20	54	-	1
6351,99	Surety insurance and insurance carriers, nec	72-6399	A			15.5	15.1	2.6	20	54	S	1
64	Insurance agents, brokers, and services	72-6400	A	B	1972	662.3	658.1	.6	12	2,872	-	3
641	Insurance agents, brokers, and services	72-6410	A			662.3	658.1	.6	12	2,872	-	3
6411	Insurance agents, brokers, and services	72-6411	A			662.3	658.1	.6	12	2,872	S	35
65	Real estate	73-0000	A	B	1972	1,288	1,315	-2.1	10	4,701	-	11
65	Real estate	73-6500	A			1,288.3	1,315.2	-2.1	10	4,701	-	11
651	Real estate operators and lessors	73-6510	A	B	1972	542.4	556.1	-2.5	10	1,958	-	3
6512,3,4,5,7,9	Real estate operators and lessors	73-6519	A			542.6	556.1	-2.5	10	1,958	S 1	35
653	Real estate agents and managers	73-6530	A	B	1972	573.3	572.9	.1	10	1,869	-	3
6531	Real estate agents and managers	73-6531	A			573.3	572.9	.1	10	1,869	S	35
654	Title abstract offices	73-6540	A	X		30.5	32.6	-6.9	21	217	-	2
6541	Title abstract offices	73-6541	A			30.5	32.6	-6.9	21	217	S	25

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990					Est method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Sample: Percent coverage	Sample: Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
655	Subdividers and developers	73-6550	A	B	1964	141.9	153.6	-8.2	14	657	-	3
6552,3	Subdividers and developers	73-6553	A			141.9	153.6	-8.2	14	657	S	35
07,70-87, 89,99	Services	80-0000	A	A	1939	27,944	27,866	.3	25	66,947	-	355
07	Agricultural services	80-0700	A	X		438.4	417.4	4.8	13	2,205	-	11
074	Veterinary services	80-0740	A	X		122.5	119.5	2.4	07	817	-	3
0741,2	Veterinary services	80-0742	A			122.5	119.5	2.4	07	817	S	35
075	Animal services, except veterinary	80-0750	A	X		41.9	41.8	.2	12	228	-	3
0751,2	Animal services, except veterinary	80-0752	A			41.9	41.8	.2	12	228	S	35
078	Landscape and horticultural services	80-0780	A	X		274.0	256.1	6.5	16	1,160	-	5
0781,2,3	Landscape and horticultural services	80-0783	A			274.0	256.1	6.5	16	1,160	S	55
70	Hotels and other lodging places	80-7000	A	B	1972	1,600.6	1,566.1	2.2	27	3,393	-	8
701	Hotels and motels	80-7010	A	A	1958	1,559.4	1,520.3	2.5	27	3,053	-	5
7011	Hotels and motels	80-7011	A			1,559.4	1,520.3	2.5	27	3,053	S	1 55
703	Camps and recreational vehicle parks	80-7030	A	X		23.3	26.8	-15.0	10	221	-	1
7032,3	Camps and recreational vehicle parks	80-7033	A			23.3	26.8	-15.0	10	221	S	1
702,4	Rooming and boarding houses, and membership-basis organization hotels	80-7040	A	X		17.9	19.0	-6.1	14	119	-	2
7021,41	Rooming and boarding houses, and membership-basis organization hotels	80-7041	A			17.9	19.0	-6.1	14	119	S	25
72	Personal services	80-7200	A	B	1958	1,158.9	1,120.9	3.3	14	4,515	-	21
721	Laundry, cleaning, and garment services	80-7210	A	A	1972	426.1	419.8	1.5	19	1,820	-	4
7211,2,3,5, 6,7,8,9	Laundry, cleaning, and garment services	80-7219	A			426.1	419.8	1.5	19	1,820	S	45
722	Photographic studios, portrait	80-7220	A	B	1982	61.2	66.6	-8.8	25	315	-	4
7221	Photographic studios, portrait	80-7221	A			61.2	66.6	-8.8	25	315	S	45
723	Beauty shops	80-7230	A	A	1972	371.0	371.5	-.1	6	1,266	-	3
7231	Beauty shops	80-7231	A			371.0	371.5	-.1	6	1,266	S	35
724	Barber shops	80-7240	A	X		17.7	17.4	1.7	5	104	-	1
7241	Barber shops	80-7241	A			17.7	17.4	1.7	5	104	S	1
725	Shoe repair shops and shoeshine parlors	80-7250	A	X		6.9	6.7	2.9	7	63	-	1
7251	Shoe repair shops and shoeshine parlors	80-7251	A			6.9	6.7	2.9	7	63	S	1
726	Funeral service and crematories	80-7260	A	B	1972	82.4	83.9	-1.8	11	577	-	3
7261	Funeral service and crematories	80-7261	A			82.4	83.9	-1.8	11	577	S	35
729	Miscellaneous personal services	80-7290	A	A	1988	193.6	155.0	19.9	21	370	-	6
7291	Tax return preparation services	80-7291	A	X		91.8	64.6	29.6	31	128	S	35
7299	Miscellaneous personal services, nec	80-7299	A	X		101.8	90.4	11.2	12	242	S	35
73	Business services	80-7300	A	A	1958	5,125.5	4,959.9	3.2	16	10,235	-	87
731	Advertising	80-7310	A	A	1958	237.6	239.0	-.6	17	794	-	9
7311	Advertising agencies	80-7311	A	B	1982	168.9	172.4	-2.1	17	536	S	55
7312,3,9	Outdoor, radio, television, and other advertising, nec	80-7319	A	X		68.7	66.6	3.1	16	258	S	45

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990					Est. method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Sample: Percent coverage	Sample: Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
732	Credit reporting and collection	80-7320	A	B	1958	107.1	104.6	2.3	17	454	-	7
7322	Adjustment and collection services	80-7322	A	X		67.5	66.0	2.2	16	290	S	4S
7323	Credit reporting services	80-7323	A	X		39.6	38.6	2.5	18	164	S	3S
733	Mailing, reproduction, and stenographic services	80-7330	A	B	1972	234.8	244.7	-4.2	13	686	-	12
7331	Direct mail advertising services	80-7331	A	X		89.8	97.7	-8.8	20	214	S	3S
7334	Photocopying and duplicating services	80-7334	A	X		48.9	51.9	-6.1	10	143	S	2S
7335	Commercial photography	80-7335	A	X		18.0	17.7	1.7	13	85	S	2S
7336	Commercial art and graphic design	80-7336	A	X		48.6	47.8	1.6	6	159	S	3S
7338	Secretarial and court reporting	80-7338	A	X		29.5	29.6	-.3	7	85	S	2S
734	Services to buildings	80-7340	A	A	1964	809.7	794.0	1.9	15	1,605	-	8
7342	Disinfecting and pest control services	80-7342	A	X		69.0	67.5	2.2	15	309	S	3S
7349	Building maintenance services, nec	80-7349	A	X		740.7	726.5	1.9	16	1,296	S	5S
735	Miscellaneous equipment rental and leasing	80-7350	A	X		204.8	210.9	-3.0	13	901	-	7
7352	Medical equipment rental	80-7352	A	X		24.1	23.0	4.6	8	61	S	1
7353	Heavy construction equipment rental	80-7353	A	X		47.7	49.0	-2.7	17	270	S	3S
7359	Equipment rental and leasing, nec	80-7359	A	X		133.0	138.9	-4.4	13	570	S	3S
736	Personnel supply services	80-7360	A	B	1972	1,506.2	1,381.9	8.3	18	1,835	-	8
7361	Employment agencies	80-7361	A	B	1982	260.0	233.0	10.4	10	517	S	4S
7363	Help supply services	80-7363	A	A	1982	1,246.2	1,148.9	7.8	19	1,318	S	4S
737	Computer and data processing services	80-7370	A	A	1972	772.4	789.6	-2.2	16	1,409	-	21
7371	Computer programming services	80-7371	A	A	1988	151.1	151.8	-.5	18	301	S	3S
7372	Prepackaged software	80-7372	A	B	1988	109.2	110.4	-1.1	15	192	S	2S
7373	Computer integrated systems design	80-7373	A	X		98.6	106.8	-8.3	13	145	S	3S
7374	Data processing and preparation	80-7374	A	B	1988	202.0	210.6	-4.3	19	377	S	5S
7375	Information retrieval services	80-7375	A	X		47.5	51.1	-7.6	19	88	S	2S
7376	Computer facilities management	80-7376	A	X		25.6	28.5	-11.3	29	56	S	1
7377	Computer rental and leasing	80-7377	A	X		10.7	13.3	-24.3	11	19	S	1
7378	Computer maintenance and repair	80-7378	A	X		39.2	33.3	15.1	11	85	S	2S
7379	Computer related services, nec	80-7379	A	X		88.5	83.8	5.3	10	146	S	2S
738	Miscellaneous business services	80-7380	A	A	1988	1,252.9	1,195.2	4.6	15	2,551	-	15
7381	Detective and armored car services	80-7381	A	D	1982	451.4	438.6	2.8	21	651	S	5S
7382	Security systems services	80-7382	A	X		41.6	39.9	4.1	12	97	S	2S
7383	News syndicates	80-7383	A	X		10.3	10.5	-1.9	8	36	S	1
7384	Photofinishing laboratories	80-7384	A	B	1982	77.3	77.8	-.6	21	238	S	3S
7389	Business services, nec	80-7389	A	X		672.3	628.4	6.5	11	1,529	S	4S
75	Auto repair, services, and parking	80-7500	A	A	1972	921.1	918.2	.3	10	3,702	-	27
751	Automotive rentals, without drivers	80-7510	A	B	1982	175.0	188.1	-7.5	20	470	-	7
7514	Passenger car rental	80-7514	A	X		98.7	106.9	-8.3	20	235	S	3S
7515	Passenger car leasing	80-7515	A	X		11.4	12.3	-7.9	18	48	S	1
7513,9	Truck and utility trailer rental	80-7519	A	X		64.9	68.9	-6.2	20	187	S	3S
752	Automobile parking	80-7520	A	X		57.3	57.4	-.2	19	161	-	3
7521	Automobile parking	80-7521	A			57.3	57.4	-.2	19	161	S	3S

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990			Sample		Est. method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Percent coverage	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
753	Automotive repair shops	80-7530	A	A	1972	527.1	526.0	.2	6	2,496	-	13
7533	Auto exhaust system repair shops	80-7533	A	X		22.2	22.5	-1.4	7	100	S	2S
7532,4	Automotive and tire repair shops	80-7534	A	X		185.1	185.0	.1	7	987	S	3S
7536	Automotive glass replacement shops	80-7536	A	X		19.8	19.0	4.0	9	68	S	1
7537	Automotive transmission repair shops	80-7537	A	X		23.6	25.1	-6.4	4	78	S	1
7538	General automotive repair shops	80-7538	A	X		221.7	219.3	1.1	5	971	S	3S
7539	Automotive repair shops, nec	80-7539	A	X		54.7	55.1	-.7	7	292	S	3S
754	Automotive services, except repair	80-7540	A	X		161.7	146.7	9.3	12	575	-	4
7542	Carwashes	80-7542	A	X		103.3	94.3	8.7	13	401	S	3S
7549	Automotive services, nec	80-7549	A	X		58.4	52.4	10.3	9	174	S	1
76	Miscellaneous repair services	80-7600	A	A	1964	386.0	382.0	1.0	11	1,934	-	9
762	Electrical repair shops	80-7620	A	B	1982	113.0	126.3	-11.8	13	566	-	4
7622,3,9	Electrical repair shops	80-7629	A			113.0	126.3	-11.8	13	566	S	4S
764	Reupholstery and furniture repair	80-7640	A	X		24.5	24.8	-1.2	6	132	-	2
7641	Reupholstery and furniture repair	80-7641	A			24.5	24.8	-1.2	6	132	S	2S
763,9	Watch and miscellaneous repair shops	80-7690	A	X		248.5	230.9	7.1	11	1,236	-	3
7631, 92,94,99	Watch and miscellaneous repair shops	80-7699	A			248.5	230.9	7.1	11	1,236	S	3S
78	Motion pictures	80-7800	A	A	1988	401.3	391.0	2.6	14	845	-	10
781	Motion picture production and services	80-7810	A	A	1972	145.3	148.3	-2.1	18	214	-	3
7812,9	Motion picture production and services	80-7819	A			145.3	148.3	-2.1	18	214	S	3S
782	Motion picture distribution and services	80-7820	A	X		14.0	12.2	12.9	19	60	-	1
7822,9	Motion picture distribution and services	80-7829	A			14.0	12.2	12.9	19	60	S	1
783	Motion picture theaters	80-7830	A	B	1972	108.3	107.0	1.2	16	368	-	4
7832,3	Motion picture theaters	80-7833	A			108.3	107.0	1.2	16	368	S	4S
784	Video tape rental	80-7840	A	X		133.7	123.5	7.6	6	203	-	2
7841	Video tape rental	80-7841	A			133.7	123.5	7.6	6	203	S	2S
79	Amusement and recreation services	80-7900	A	A	1988	1,039.6	1,044.6	-.5	21	3,625	-	24
791	Dance studios, schools, and halls	80-7910	A	X		22.2	25.5	-14.9	4	67	-	1
7911	Dance studios, schools, and halls	80-7911	A			22.2	25.5	-14.9	4	67	S 1	1
792	Producers, orchestras, and entertainers	80-7920	A	X		138.1	145.7	-5.5	12	290	-	4
7922,9	Producers, orchestras, and entertainers	80-7929	A			138.1	145.7	-5.5	12	290	S	4S
793	Bowling centers	80-7930	A	X		100.6	99.7	.9	17	590	-	1
7933	Bowling centers	80-7933	A			100.6	99.7	.9	17	590	S	1
794	Commercial sports	80-7940	A	X		92.1	73.5	20.2	26	274	-	3
7941,8	Commercial sports	80-7948	A			92.1	73.5	20.2	26	274	S	3S
799	Miscellaneous amusement and recreation services	80-7990	A	A	1988	686.6	700.2	-2.0	23	2,404	-	15
7991	Physical fitness facilities	80-7991	A	A	1988	129.2	131.4	-1.7	12	220	S 1	3S
7992	Public golf courses	80-7992	A	X		34.3	33.2	3.2	15	185	S 1	2S
7993	Coin-operated amusement devices	80-7993	A	X		27.3	28.1	-2.9	10	116	S 1	3S
7996	Amusement parks	80-7996	A	X		80.7	84.6	-4.8	26	65	S 1	1
7997	Membership sports and recreation clubs	80-7997	A	A	1988	230.1	232.6	-1.1	27	1,284	S 1	3S
7999	Amusement and recreation, nec	80-7999	A	X		185.0	190.3	-2.9	27	534	S 1	3S

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990					Est method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Sample			
									Percent coverage	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
80	Health services	80-8000	A	A	1958	7,716.2	7,930.3	-2.8	33	13,181	-	45
801	Offices and clinics of medical doctors	80-8010	A	A	1972	1,326.3	1,372.9	-3.5	14	3,377	-	4
8011	Offices and clinics of medical doctors	80-8011	A			1,326.3	1,372.9	-3.5	14	3,377	S	4S
802	Offices and clinics of dentists	80-8020	A	A	1982	511.0	515.6	-.9	3	1,559	-	3
8021	Offices and clinics of dentists	80-8021	A			511.0	515.6	-.9	3	1,559	S	3S
803	Offices and clinics of osteopathic physicians	80-8030	A	X		35.3	33.4	5.4	3	105	-	1
8031	Offices and clinics of osteopathic physicians	80-8031	A			35.3	33.4	5.4	3	105	S	1
804	Offices and clinics of other health practitioners	80-8040	A	A	1972	268.1	265.1	1.1	3	726	-	5
8041,2	Offices and clinics of chiropractors and optometrists	80-8042	A	X		134.7	133.7	.7	3	458	S	2S
8043	Offices and clinics of podiatrists	80-8043	A	X		22.5	23.3	-3.6	2	63	S	1
8049	Offices and clinics of health practitioners, nec	80-8049	A	X		110.9	108.1	2.5	4	205	S	2S
805	Nursing and personal care facilities	80-8050	A	A	1972	1,397.1	1,426.1	-2.1	32	3,598	-	8
8051	Skilled nursing care facilities	80-8051	A	B	1982	965.8	984.9	-2.0	32	2,399	S	3S
8052	Intermediate care facilities	80-8052	A	A	1988	196.9	202.5	-2.8	32	635	S	3S
8059	Nursing and personal care, nec	80-8059	A	B	1988	234.4	238.7	-1.8	31	564	S	2S
806	Hospitals	80-8060	A	A	1958	3,511.2	3,613.8	-2.9	51	2,285	-	12
8062	General medical and surgical hospitals	80-8062	A	B	1982	3,236.1	3,342.1	-3.3	53	2,065	S	8S
8063	Psychiatric hospitals	80-8063	A	B	1982	103.3	100.0	3.2	23	101	S	2S
8069	Specialty hospitals, excluding psychiatric	80-8069	A	B	1982	171.8	171.7	.1	36	119	S	2S
807	Medical and dental laboratories	80-8070	A	B	1982	166.1	175.2	-5.5	17	437	-	4
8071,2	Medical and dental laboratories	80-8072	A			166.1	175.2	-5.5	17	437	S	4S
808	Home health care services	80-8080	A	A	1988	273.2	283.7	-3.8	18	437	-	3
8082	Home health care services	80-8082	A			273.2	283.7	-3.8	18	437	S	3S
809	Health and allied services, nec	80-8090	A	X		227.9	244.5	-7.3	24	657	-	5
8093	Specialty outpatient clinics, nec	80-8093	A	X		156.0	167.3	-7.2	26	455	S	3S
8092,9	Kidney dialysis centers, and health and allied services, nec	80-8099	A	X		71.9	77.2	-7.4	18	202	S	2S
81	Legal services	80-8100	A	A	1972	906.7	920.7	-1.5	15	3,074	-	4
811	Legal services	80-8110	A			906.7	920.7	-1.5	15	3,074	-	4
8111	Legal services	80-8111	A			906.7	920.7	-1.5	15	3,074	S	4S
82	Educational services	80-8200	A	B	1958	1,751.5	1,806.8	-3.2	45	3,076	-	17
821	Elementary and secondary schools	80-8210	A	B	1972	469.9	467.8	.4	21	1,488	- 6	5
8211	Elementary and secondary schools	80-8211	A			469.9	467.8	.4	21	1,488	S	5S
822	Colleges and universities	80-8220	A	B	1958	1,074.0	1,128.1	-5.0	61	826	- 6	3
8221,2	Colleges and universities	80-8222	A			1,074.0	1,128.1	-5.0	61	826	S	3S
823	Libraries	80-8230	A	X		14.2	15.2	-7.0	39	173	-	2
8231	Libraries	80-8231	A			14.2	15.2	-7.0	39	173	S	2S

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990					Est. method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Sample			
									Percent coverage	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
824	Vocational schools	80-8240	A	B	1982	93.1	95.8	-2.9	18	295	-	4
8243,4,9	Vocational schools	80-8249	A			93.1	95.8	-2.9	18	295	S	4S
829	Schools and educational services, nec	80-8290	A	X		100.3	99.9	.4	11	294	-	3
8299	Schools and educational services, nec	80-8299	A			100.3	99.9	.4	11	294	S	3S
83	Social services	80-8300	A	B	1972	1,787.1	1,816.0	-1.6	22	5,819	-	24
832	Individual and family services	80-8320	A	B	1988	457.3	446.9	2.3	23	1,587	-	4
8322	Individual and family services	80-8322	A			457.3	446.9	2.3	23	1,587	S	4S
833	Job training and related services	80-8330	A	B	1982	246.4	244.5	.8	32	725	-	4
8331	Job training and related services	80-8331	A			246.4	244.5	.8	32	725	S	4S
835	Child day care services	80-8350	A	A	1972	457.5	487.6	-6.6	12	1,317	-	4
8351	Child day care services	80-8351	A			457.5	487.6	-6.6	12	1,317	S	4S
836	Residential care	80-8360	A	B	1982	450.8	456.6	-1.3	25	1,418	-	8
8361	Residential care	80-8361	A			450.8	456.6	-1.3	25	1,418	S	8S
839	Social services, nec	80-8390	A	X		175.1	180.4	-3.0	25	772	-	4
8399	Social services, nec	80-8399	A			175.1	180.4	-3.0	25	772	S	4S
84	Museums and botanical and zoological gardens	80-8400	A	B	1988	62.8	59.1	5.9	33	317	-	3
841,2	Museums and botanical and zoological gardens	80-8420	A			62.8	59.1	5.9	33	317	-	3
8412,22	Museums and botanical and zoological gardens	80-8422	A			62.8	59.1	5.9	33	317	S	3S
86	Membership organizations	80-8600	A	C	1972	1,924.3	1,823.5	5.2	9	4,619	-	21
861	Business associations	80-8610	A	B	1982	105.8	101.7	3.9	17	722	-	4
8611	Business associations	80-8611	A			105.8	101.7	3.9	17	722	S	4S
862	Professional organizations	80-8620	A	X		50.9	53.0	-4.1	23	235	-	3
8621	Professional organizations	80-8621	A			50.9	53.0	-4.1	23	235	S	3S
863	Labor organizations	80-8630	A	B	1982	139.5	137.6	1.4	13	906	-	4
8631	Labor organizations	80-8631	A			139.5	137.6	1.4	13	906	S	4S
864	Civic and social associations	80-8640	A	B	1982	411.4	410.5	.2	22	1,894	-	5
8641	Civic and social associations	80-8641	A			411.4	410.5	.2	22	1,894	S	5S
866	Religious organizations	80-8660	A	X		1,119.6	1,012.7	9.5	1	489	-	1
8661	Religious organizations	80-8661	A			1,119.6	1,012.7	9.5	1	489	S	1
865,9	Political and membership organizations, nec	80-8690	A	X		97.1	108.0	-11.2	22	373	-	4
8651,99	Political and membership organizations, nec	80-8699	A			97.1	108.0	-11.2	22	373	S	4S
87	Engineering and management services	80-8700	A	A	1988	2,520.9	2,455.2	2.6	21	6,258	-	41
871	Engineering and architectural services	80-8710	A	A	1958	787.4	788.2	-.1	22	2,357	-	11
8711	Engineering services	80-8711	A	A	1988	608.3	611.0	-.4	24	1,636	S	5S
8712	Architectural services	80-8712	A	A	1988	128.8	126.9	1.5	14	484	S	3S
8713	Surveying services	80-8713	A	X		50.3	50.3	0	9	237	S	3S

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990					Est. method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Sample: Percent coverage	Sample: Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	Accounting, auditing, and bookkeeping	80-8720	A	A	1972	565.6	567.2	-.3	14	1,354	-	5
872	Accounting, auditing, and bookkeeping	80-8721	A			565.6	567.2	-.3	14	1,354	S	5S
8721	Research and testing services	80-8730	A	A	1988	547.0	538.4	1.6	37	1,259	-	13
873	Commercial physical research	80-8731	A	B	1982	229.6	223.4	2.7	43	361	S	4S
8731	Commercial nonphysical research	80-8732	A	X		99.6	99.2	.4	23	259	S	3S
8732	Noncommercial research organizations	80-8733	A	B	1982	145.1	146.8	-1.2	46	407	S	5S
8733	Testing laboratories	80-8734	A	X		72.7	69.0	5.1	20	232	S	1
8734	Management and public relations	80-8740	A	A	1988	620.9	561.4	9.6	11	1,288	-	12
874	Management services	80-8741	A	X		265.7	241.7	9.0	10	574	S	4S
8741	Management consulting services	80-8742	A	X		192.9	169.7	12.0	8	366	S	3S
8742	Public relations services	80-8743	A	X		32.9	32.8	.3	12	112	S	2S
8743	Facilities support services	80-8744	A	X		57.0	53.7	5.8	25	70	S	1
8744	Business consulting, nec	80-8748	A	X		72.4	63.5	12.3	12	166	S	2S
8748	Services, nec	80-8900	A	A	1988	38.7	39.6	-2.3	13	149	-	2
	Services, nec	80-8990	A			38.7	39.6	-2.3	13	149	-	2
89	Services, nec	80-8999	A			38.7	39.6	-2.3	13	149	S	2S
899	Nonclassifiable establishments	80-9900	A	X		163.9	214.5	-30.9	0	0	-	1
8999	Nonclassifiable establishments	80-9990	A			163.9	214.5	-30.9	0	0	-	1
	Nonclassifiable establishments	80-9999	A			163.9	214.5	-30.9	0	0	K	1
99	Government	90-0000	B	B	1939	18,568	18,536	.2	63	27,537	-	55
999	Federal	91-0000	B	B	1939	3,082	3,082	0	100	5,746 7	-	14
9999	Executive	91-9100	B	C	1939	3,022.1	3,022.1	0	100	(7)	-	3
	Department of Defense	91-9110	B	C	1939	963.1	963.1	0	100	(7)	U	1
	U.S. Postal Service	91-9120	B	C	1939	820.2	820.2	0	60	2,770 7,8	U	1
	Other executive agencies	91-9130	B	C	1939	1,238.8	1,238.8	0	100	(7)	U	1
	Legislative	91-9500	B	C	1939	37.5	37.5	0	100	(7)	U	1
	Judicial	91-9600	B	C	1939	21.9	21.9	0	100	(7)	U	1
	Manufacturing activities	92-3000	B	C	1975	118.5	110.9	6.4	79	32 8	-	3
	Small arms ammunition and ordnance	92-3480	B	X		19.4	16.9	12.9	76	9 8	S	1
	Ship building and repairing	92-3730	B	C	1975	69.7	68.6	1.6	99	14 8	S	1
	Other manufacturing	92-3999	B	X		29.4	25.4	13.6	34	9 8	S	1
	Transportation and public utilities, except Postal Service	92-4000	B	C	1975	36.3	38.7	-6.6	21	30 8	S	1
	Trade division	92-5000	B	X		79.7	81.7	-2.5	40	76 8	S	1
	Finance division	92-7000	B	X		26.6	24.2	9.0	20	26 8	S	1
	Services division	92-8000	B	C	1975	397.4	387.9	2.4	58	413 8	-	2

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program—Continued

1987 SIC Code	Industry	BLS tabulating code	Basic series		Beginning date of pub. AE	March 1990					Est method	No. and type of strata
			Produced	Published		Benchmark employment	Estimated employment	Percent error	Sample: Percent coverage	Sample: Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	Hospitals	92-8060	B	C	1975	232.9	227.3	2.4	72	147	8 S	1
	Other services	92-8999	B	X		164.5	160.6	2.4	37	266	8 S	1
	All other Federal Government, except Postal Service	92-9999	B	X		1,602.2	1,539.5	3.9	48	2,399	8 S	1
	State and local government	93-0000	B	(3)	1939	15,486	15,454	.2	70	21,791	-	41
	State government 9	94-0000	B	B	1955	4,386	4,364	.5	80	5,175	-	21
	State government, except education	94-1000	B	X		2,544.7	2,555.4	-.4	74	4,184	-	13
	Construction	94-2000	B	X		116.0	146.3	-26.1	44	30	S	1
	Transportation and public utilities	94-4000	B	X		48.6	46.6	4.1	10	88	S	1
	Services	94-8000	B	X		2,595.7	2,586.5	.4	80	1,783	-	11
	State government hospitals	94-8060	B	B	1972	429.9	454.3	-5.7	66	275	S	1
	State government education	94-8200	B	B	1955	1,840.9	1,808.5	1.8	88	991	S	8RS
	Social services	94-8300	B	X		203.4	203.1	.1	43	244	S	1
	Services, except hospitals, education, and social services	94-8500	B	X		121.5	120.6	.7	65	285	S	1
	General administration, including executive, legislative, and judicial functions	94-9000	B	B	1972	1,625.3	1,584.5	2.5	82	3,262	S	8RS
	Local government 10	95-0000	B	B	1955	11,100	11,090	.1	66	16,616	-	20
	Local government, except education	95-1000	B	X		4,743.3	4,756.2	-.3	66	9,689	-	12
	Transportation and public utilities	95-4000	B	B	1972	457.2	486.9	-6.5	48	689	S	1
	Services	95-8000	B	X		7,328.3	7,327.5	(5)	62	8,048	-	11
	Local government hospitals	95-8060	B	B	1972	643.8	664.2	-3.2	51	685	S	1
	Local government education	95-8200	B	B	1955	6,356.5	6,333.3	.4	66	6,927	S	8RS
	Social services	95-8300	B	X		104.7	124.6	-19.0	27	127	S	1
	Services, except hospitals, education and social services	95-8500	B	X		223.3	205.4	8.0	18	254	S	1
	General administration, including executive legislative, and judicial functions	95-9000	B	B	1972	3,314.3	3,275.1	1.2	76	7,934	S	8RS

1 Seasonal correction factors are used to modify the sample links of series projected from benchmark levels based on the seasonal patterns of employment in previous years.

2 Special series for average hourly earnings, including lump-sum payments are coded under group code 31-3722 for SIC 3721 (aircraft manufacturing) and group code 31-3762 for SIC 3761 (guided missles and space vehicles). Average weekly earnings series are not published for these aerospace industries.

3 Series are available in LABSTAT and are usually published only in historical bulletins on national employment, hours, and earnings and/or their supplements.

4 A complete count of employment is provided monthly by the Interstate Commerce Commission. Hours and earnings estimates are derived from a sample.

5 Less than 0.05 percent.

6 Employment estimates for all employees, women, and nonsupervisory workers are derived from the sample. Estimates for hours and earnings are derived from other sources of information.

7 A complete count of employment is provided monthly by the Office of Personnel Management.

8 A sample of Federal establishments is used to derive estimates by industry. For postal workers, the sample is used for national estimates of women workers and for State and metropolitan area estimates only.

9 State government, excluding education (94-1000), plus State government education (94-8200) aggregate to State government (94-0000). Also, State government construction (94-2000); transportation and public utilities (94-4000); services (94-8000); and general administration, including executive, legislative, and judicial functions (94-9000) aggregate to State government (94-0000).

10 Local government, excluding education (95-1000), plus local government education (95-8200) aggregate to local government (95-0000). Also, local government transportation and public utilities (95-4000); services (95-8000); and general administration, including executive, legislative, and judicial functions (95-9000) aggregate to local government (95-0000).

NOTE: Nec is an abbreviation for "not elsewhere classified" and designates broad categories of industries which cannot be more specifically identified.